

Plattsburg Public School


Learning from Home

Year 4

Group 2

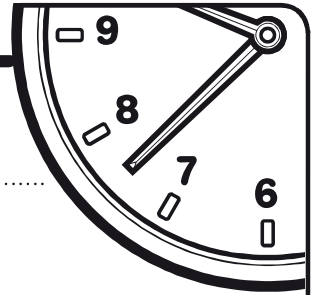
NUMERACY





Monday

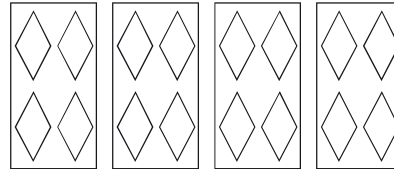
# Minute 17



Name: ..... Date: .....

1.  $4 + 0 + 5 = \dots\dots\dots$

2. Multiply the numbers.  $4 \times 4 = \dots\dots\dots$



3. Circle the digit in the **hundreds** place. 529

4. A triangle has three angles and ..... sides.

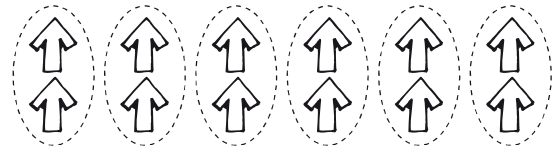
5. Dana has 50c. She earns another 25c by cleaning the dishes.

How much money does she have altogether? .....

6. 
$$\begin{array}{r} 28 \\ - 6 \\ \hline \end{array}$$

7. There are ..... sets of two in 12.

$12 \div 2 = \dots\dots\dots$

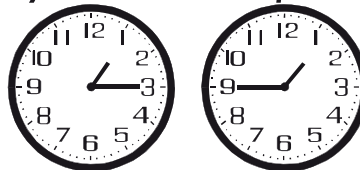


8. Lily read 3 books in June, 8 in July and 4 in August.

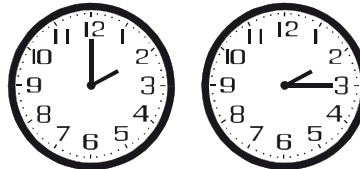
How many books did she read altogether? ..... books

**For Questions 9 and 10, write how many minutes have passed.**

9. 1.15 to 1.45 = ..... minutes



10. 2.00 to 2.15 = ..... minutes



My score: \_\_\_\_\_

**10**

My time: \_\_\_\_\_

minutes

seconds



## Adding 3- and 2-Digit Numbers - With Carrying



LO: to use column addition  
Calculate the answer to the following:

$\begin{array}{r} 673 \\ + 18 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 457 \\ + 25 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 304 \\ + 69 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 615 \\ + 38 \\ \hline \\ \hline \end{array}$
$\begin{array}{r} 149 \\ + 16 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 805 \\ + 85 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 672 \\ + 42 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 581 \\ + 67 \\ \hline \\ \hline \end{array}$
$\begin{array}{r} 292 \\ + 36 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 670 \\ + 72 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 662 \\ + 75 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 387 \\ + 51 \\ \hline \\ \hline \end{array}$
$\begin{array}{r} 476 \\ + 45 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 158 \\ + 74 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 379 \\ + 26 \\ \hline \\ \hline \end{array}$	

Challenge: Complete the following calculations:

$\begin{array}{r} 3\_2 \\ + 55 \\ \hline 437 \\ \hline \end{array}$	$\begin{array}{r} \_47 \\ + 4\_ \\ \hline 796 \\ \hline \end{array}$	$\begin{array}{r} 8\_8 \\ + 65 \\ \hline \_4\_ \\ \hline \end{array}$
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# Maths Activity Mat Term 3

2

## Section 1

Write the next three measures in the sequence:

5m, 15m, 25m \_\_\_\_\_  
\_\_\_\_\_

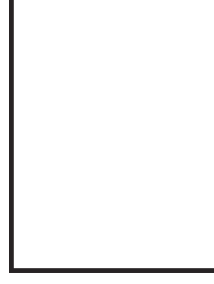
## Section 2

A sack of potatoes weighs 25kg. 7kg of potatoes are eaten. How many kilograms are left?

\_\_\_\_\_

## Section 3

Measure the sides of the rectangle, and the work out the perimeter.



## Section 6

Find:

$\frac{1}{4}$  of 20 \_\_\_\_\_

## Section 4

Put a circle around the largest fraction in the pair:

$\frac{1}{3}$        $\frac{1}{4}$   
 $\frac{1}{5}$        $\frac{1}{10}$

## Section 5

x	40	5	g
6			g

## Section 7

Work these out in your head.

$$36\text{cm} + 7\text{cm} =$$

$$25\text{cm} + 50\text{cm} =$$

## Section 8

How much is ten 5 cent coins?

\_\_\_\_\_

# Wordsearch 3 Times Table



Name: ..... Date: .....

Answer the calculations below and find the answers in the wordsearch.

$3 \times 3 =$

$3 \times 4 =$


$3 \times 10 =$

$3 \times 6 =$

$3 \times 2 =$

$3 \times 7 =$

e	t	h	i	r	t	y	n	e	l
t	n	h	x	t	t	e	r	t	o
w	i	u	e	d	b	i	w	n	e
e	n	r	w	e	s	e	e	o	s
l	e	e	l	p	n	e	h	u	i
v	k	e	e	t	t	i	e	r	x
e	a	e	y	h	a	u	t	n	e
m	q	o	g	e	o	o	k	i	e
o	n	i	e	e	t	h	g	n	e
e	e	d	j	p	z	o	b	n	n



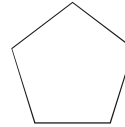
Tuesday

# Minute 18



Name: ..... Date: .....

1. Circle the name of the shape.  
pentagon    hexagon    octagon



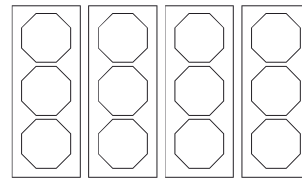
2. Write the fraction of the shaded area.



shaded parts  
 total parts

3. Multiply the numbers.  $4 \times 3 = \dots\dots\dots$

4. Write 142, 114 and 287 in order from  
**least to greatest.** .....



5.  $5 + 1 + 4 = \dots\dots\dots$

6. Complete the fact family.     $9 + 4 = 13$      $4 + 9 = \dots\dots\dots$   
 $13 - 4 = \dots\dots\dots$      $13 - 9 = 4$

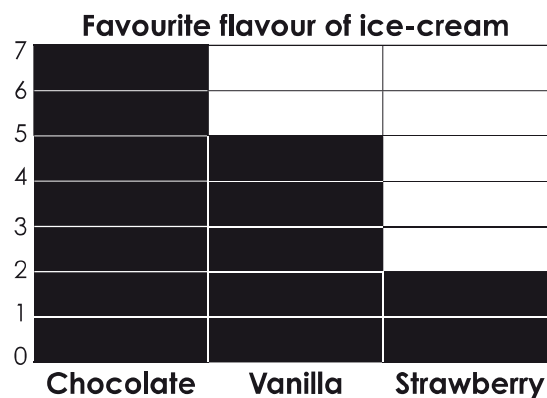
7.  $\begin{array}{r} 28 \\ -13 \\ \hline \end{array}$   
.....  
.....

Use the bar graph to complete Questions 8 to 10.

8. Which ice-cream flavour is most popular? .....

9. Which ice-cream flavour is least popular? .....

10. How many more children preferred vanilla than preferred strawberry?  
..... more children

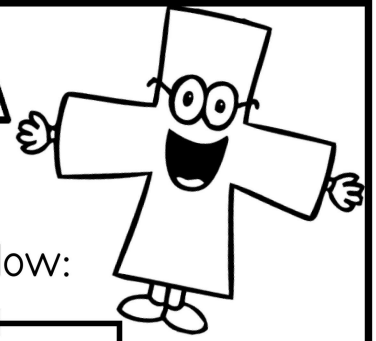


My score:       
**10**

My time: ..... minutes ..... seconds



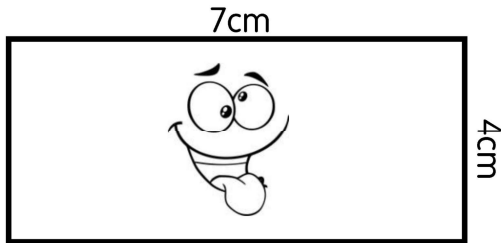
# PERIMETER Puzzles



Name: \_\_\_\_\_

Calculate and record the perimeter of each shape below:

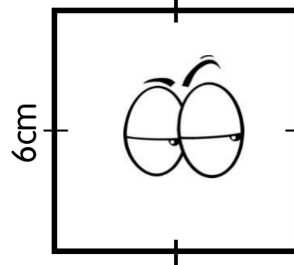
1



Working Out:

Perimeter: \_\_\_\_\_

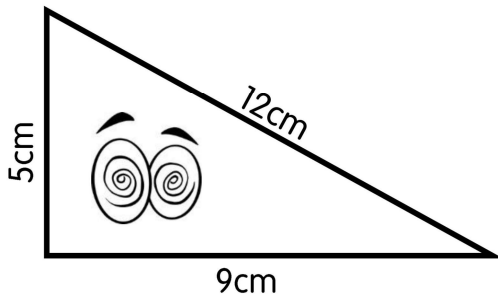
2



Working Out:

Perimeter: \_\_\_\_\_

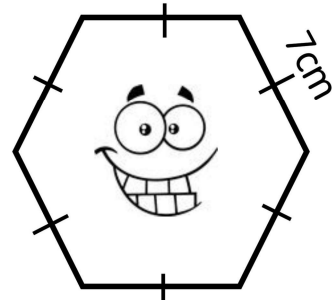
3



Working Out:

Perimeter: \_\_\_\_\_

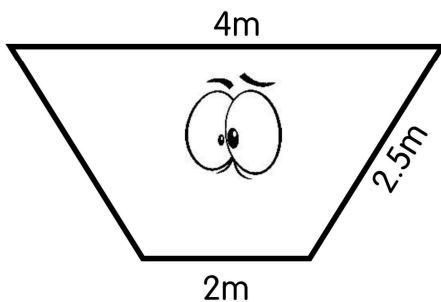
4



Working Out:

Perimeter: \_\_\_\_\_

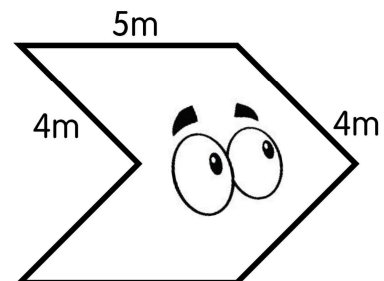
5



Working Out:

Perimeter: \_\_\_\_\_

6



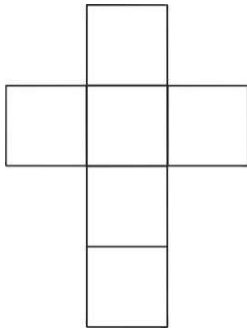
Working Out:

Perimeter: \_\_\_\_\_

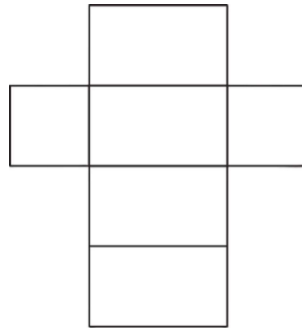
# Match the Nets

Can you match the net with the correct 3D shape?

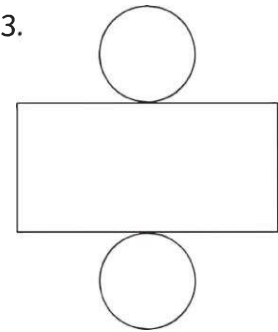
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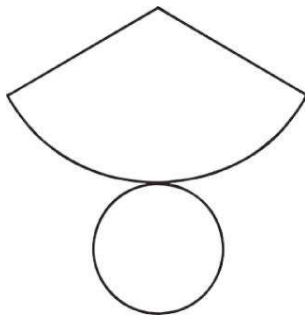
2.



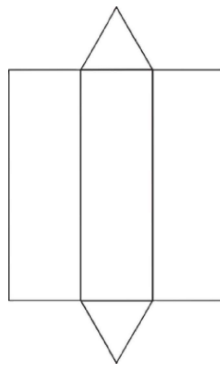
3.



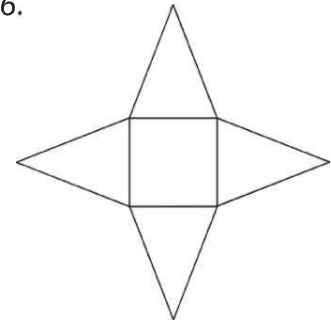
4.



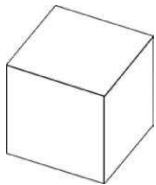
5.



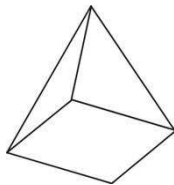
6.



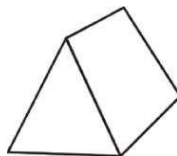
A



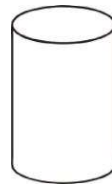
B



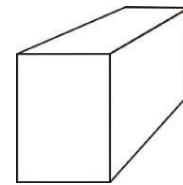
C



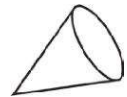
D



E



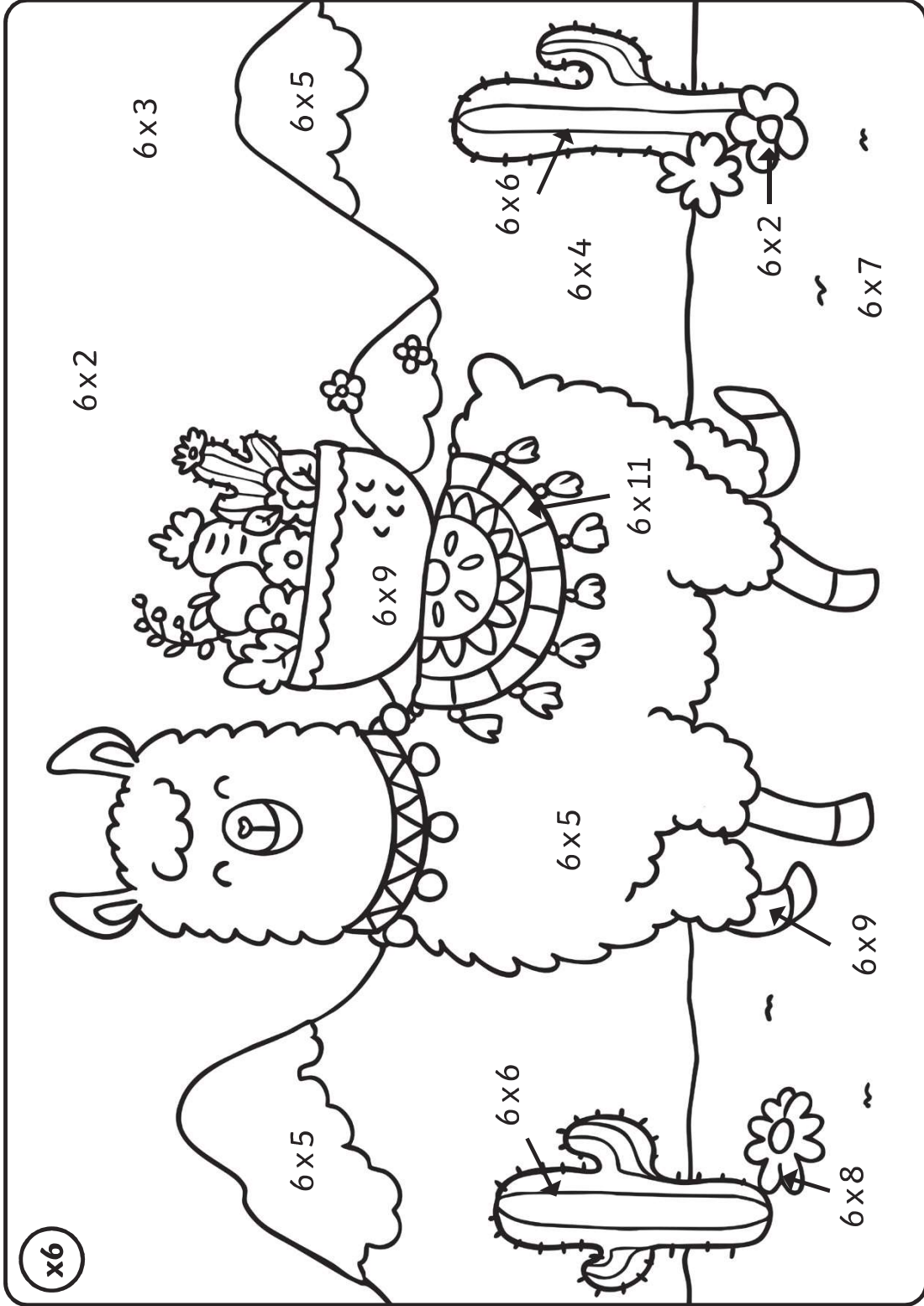
F



Name	Net	Shape
Cone		
Cylinder		
Rectangular Prism		
Square Pyramid		
Cube		
Triangular Prism		

# Colour by Multiplication

12	pink
18	light pink
24	turquoise
30	white
36	green
42	light yellow
48	orange
54	brown
66	red





Wednesday

# Minute 19



Name: ..... Date: .....

1.  $\$1.50 + \$2.50 = \dots\dots\dots$
2. Write 308, 350 and 318 in order from **least** to **greatest**.  
.....
3. Circle the abbreviation for grams.    g    gms    G
4.  $6 + 1 + 2 = \dots\dots\dots$
5. Multiply the numbers.  $4 \times 5 = \dots\dots\dots$

○ ○ ○ ○ ○	○ ○ ○ ○ ○
○ ○ ○ ○ ○	○ ○ ○ ○ ○

6. There are ..... sets of two in 10.     $10 \div 2 = \dots\dots\dots$

□ □	□ □	□ □	□ □	□ □
--------	--------	--------	--------	--------

7. 10 millimetres = ..... centimetre(s)

**Use <, >, or = to complete Questions 8 to 10.**

8. 1426 ..... 1326
9. 2510 ..... 3564
10. 1628 ..... 1638

My score:

      
**10**

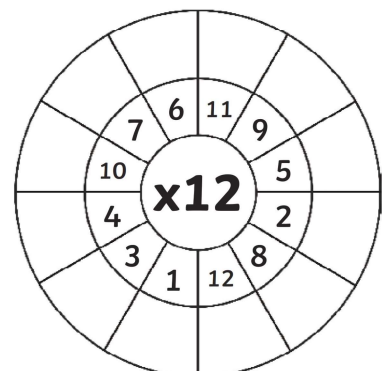
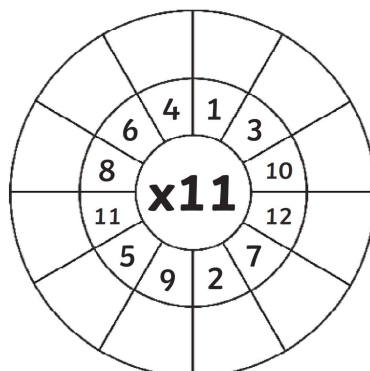
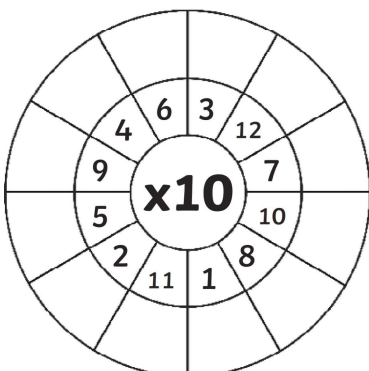
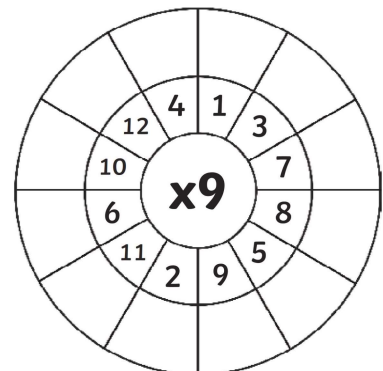
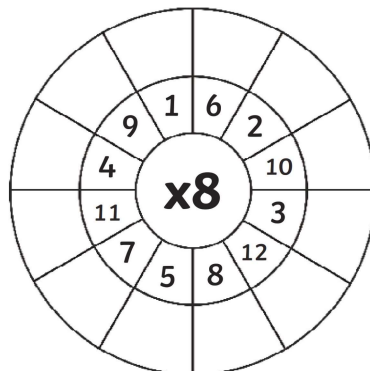
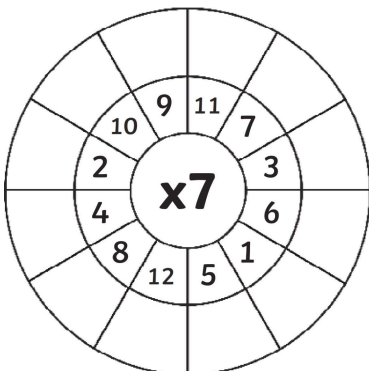
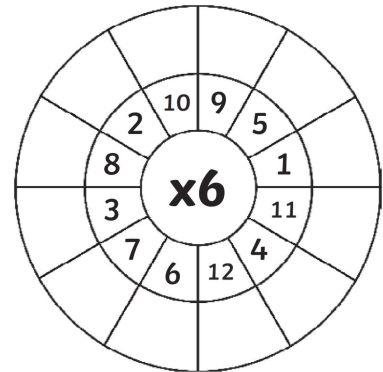
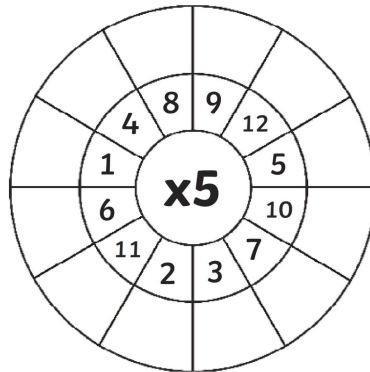
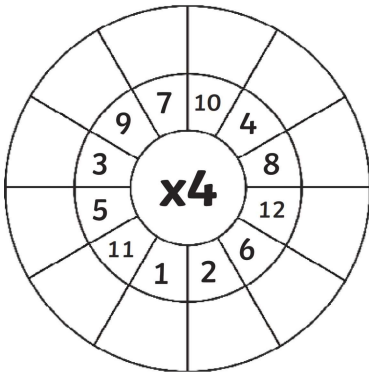
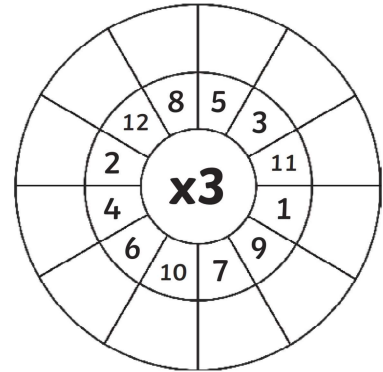
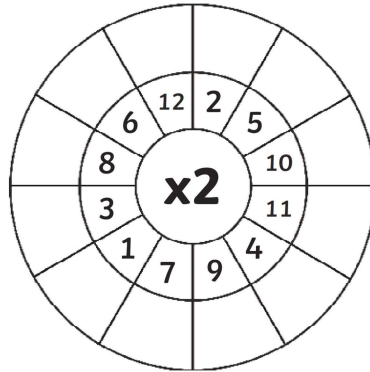
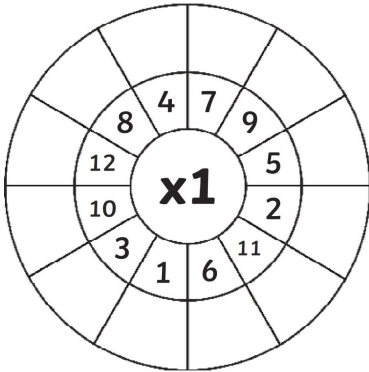
My time:

.....  
minutes

.....  
seconds

# Multiplication Wheels

Multiply the numbers by the middle number.



# Winter Addition Mosaic

## Addition to 20

Solve the maths problems to reveal the hidden picture. Each answer has a special colour:

5 = yellow

10 = blue

15 = white

20 = black

$5 + 5$	$3 + 7$	$15 + 5$	$1 + 19$	$13 + 7$	$16 + 4$	$20 + 0$	$4 + 6$	$10 + 0$
$2 + 8$	$2 + 18$	$12 + 8$	$6 + 14$	$20 + 0$	$10 + 10$	$9 + 11$	$19 + 1$	$6 + 4$
$6 + 14$	$5 + 15$	$5 + 10$	$2 + 18$	$13 + 7$	$4 + 16$	$2 + 13$	$3 + 17$	$13 + 7$
$19 + 1$	$9 + 6$	$11 + 4$	$14 + 1$	$19 + 1$	$6 + 9$	$11 + 4$	$0 + 15$	$1 + 19$
$15 + 5$	$5 + 10$	$2 + 18$	$2 + 13$	$10 + 5$	$1 + 14$	$5 + 15$	$8 + 7$	$20 + 0$
$13 + 7$	$7 + 8$	$12 + 3$	$15 + 0$	$6 + 9$	$12 + 3$	$11 + 4$	$10 + 5$	$2 + 18$
$9 + 11$	$14 + 1$	$11 + 4$	$1 + 4$	$5 + 0$	$3 + 2$	$3 + 12$	$1 + 14$	$12 + 8$
$20 + 0$	$12 + 8$	$8 + 7$	$15 + 0$	$2 + 3$	$5 + 10$	$15 + 0$	$13 + 7$	$6 + 14$
$19 + 1$	$13 + 7$	$15 + 5$	$14 + 1$	$11 + 4$	$12 + 3$	$0 + 20$	$16 + 4$	$20 + 0$
$7 + 3$	$8 + 12$	$6 + 14$	$15 + 0$	$12 + 3$	$2 + 13$	$13 + 7$	$18 + 2$	$8 + 2$

# Identifying Number Pattern Rules

I can correctly identify an addition or subtraction number pattern rule.

I can complete a number pattern based on addition or subtraction. (ACMNA060)

Work out what the number pattern rule is for each of these patterns. The pattern might be increasing (addition +) or decreasing (subtraction -).

Use the rule to help you complete the number patterns.

9, \_\_\_\_\_, 19, 24, \_\_\_\_\_, \_\_\_\_\_ Rule: \_\_\_\_\_

48, 44, \_\_\_\_\_, \_\_\_\_\_, 32, \_\_\_\_\_ Rule: \_\_\_\_\_

99, 90, \_\_\_\_\_, 72, \_\_\_\_\_, \_\_\_\_\_ Rule: \_\_\_\_\_

110, 130, \_\_\_\_\_, 170, \_\_\_\_\_, \_\_\_\_\_ Rule: \_\_\_\_\_

107, 97, \_\_\_\_\_, \_\_\_\_\_, 67, \_\_\_\_\_ Rule: \_\_\_\_\_

36, 42, \_\_\_\_\_, 54, \_\_\_\_\_, \_\_\_\_\_ Rule: \_\_\_\_\_

24, 36, 48, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ Rule: \_\_\_\_\_

235, 233, \_\_\_\_\_, 229, \_\_\_\_\_, \_\_\_\_\_ Rule: \_\_\_\_\_

Can you create your own tricky addition and subtraction number patterns? Show me!

Don't forget to write down the rule!

My **addition** number pattern rule: \_\_\_\_\_

My number pattern is: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

My **subtraction** number pattern rule: \_\_\_\_\_

My number pattern is: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_





Thursday

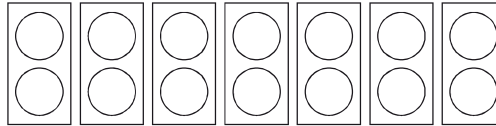
# Minute 20



Name: ..... Date: .....

1. There are ..... sets of two in 14.

$$14 \div 2 = \dots\dots\dots$$



2.  $2 \times 4 = \dots\dots\dots$

3. A pentagon has ..... sides.

$$\begin{array}{r} 63 \\ - 21 \\ \hline \end{array}$$

.....

5. .... km = 1000 m

$$\begin{array}{r} 14 \\ + 13 \\ \hline \end{array}$$

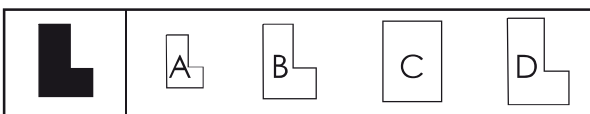
.....

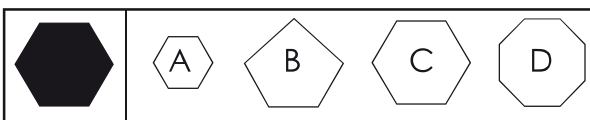
7. At the park, Sue counted 4 geese and 12 ducks.

How many fewer geese than ducks were there? ..... fewer geese

8. Which number is the product? .....  $7 \times 6 = 42$

**For Questions 9 and 10, circle the figure that is congruent (same shape and size) to the shaded figure.**

9. 

10. 

My score: \_\_\_\_\_

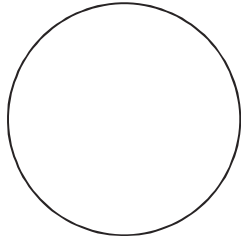
**10**

My time: \_\_\_\_\_

minutes

seconds

# Name the 3D Shape

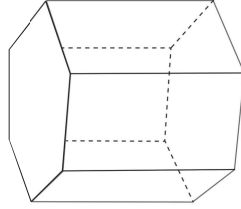


Shape of faces: \_\_\_\_\_

Number of vertices: \_\_\_\_\_

Number of edges: \_\_\_\_\_

Name: \_\_\_\_\_

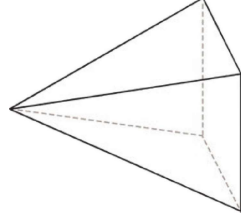


Shape of faces: \_\_\_\_\_

Number of vertices: \_\_\_\_\_

Number of edges: \_\_\_\_\_

Name: \_\_\_\_\_

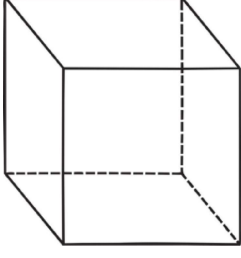


Shape of faces: \_\_\_\_\_

Number of vertices: \_\_\_\_\_

Number of edges: \_\_\_\_\_

Name: \_\_\_\_\_

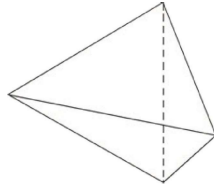


Shape of faces: \_\_\_\_\_

Number of vertices: \_\_\_\_\_

Number of edges: \_\_\_\_\_

Name: \_\_\_\_\_

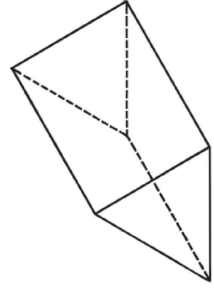


Shape of faces: \_\_\_\_\_

Number of vertices: \_\_\_\_\_

Number of edges: \_\_\_\_\_

Name: \_\_\_\_\_

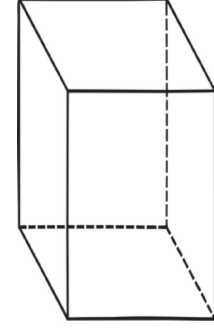


Shape of faces: \_\_\_\_\_

Number of vertices: \_\_\_\_\_

Number of edges: \_\_\_\_\_

Name: \_\_\_\_\_



Shape of faces: \_\_\_\_\_

Number of vertices: \_\_\_\_\_

Number of edges: \_\_\_\_\_

Name: \_\_\_\_\_





## Subtracting 2-Digit Numbers from 3-Digit Numbers - with Exchanging



LO: to use column addition and subtraction

Calculate the answer to the following:

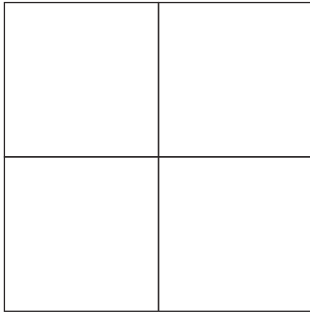
$\begin{array}{r} 343 \\ - 18 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 641 \\ - 25 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 472 \\ - 67 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 473 \\ - 38 \\ \hline \\ \hline \end{array}$
$\begin{array}{r} 620 \\ - 16 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 364 \\ - 46 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 415 \\ - 33 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 528 \\ - 67 \\ \hline \\ \hline \end{array}$
$\begin{array}{r} 126 \\ - 31 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 673 \\ - 82 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 607 \\ - 64 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 916 \\ - 53 \\ \hline \\ \hline \end{array}$

Challenge: Complete the following calculations:

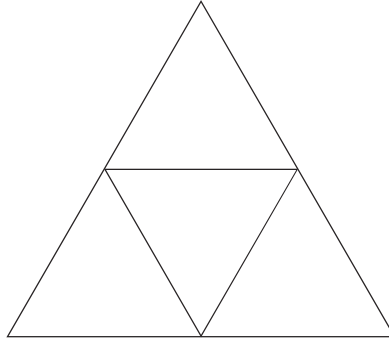
$\begin{array}{r} 2\_2 \\ - 3\_ \\ \hline 220 \\ \hline \end{array}$	$\begin{array}{r} 47\_ \\ - \_4 \\ \hline 449 \\ \hline \end{array}$	$\begin{array}{r} 8\_1 \\ - 6\_ \\ \hline \_24 \\ \hline \end{array}$
--	--	---

# Stained Glass Fractions

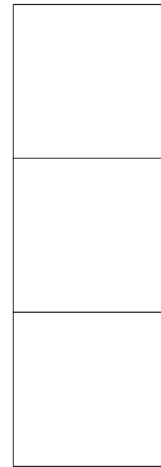
Colour the windows to match the fractions listed.



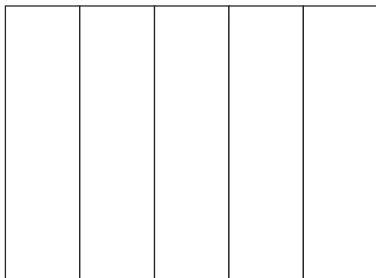
- $\frac{1}{2}$ : red
- $\frac{1}{4}$ : blue
- $\frac{1}{4}$ : yellow



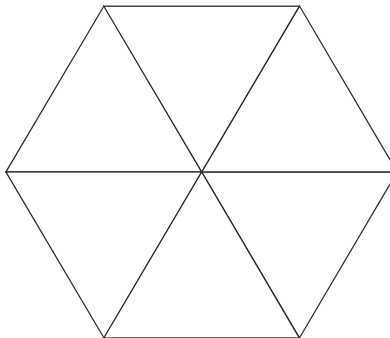
- $\frac{3}{4}$ : blue
- $\frac{1}{4}$ : yellow



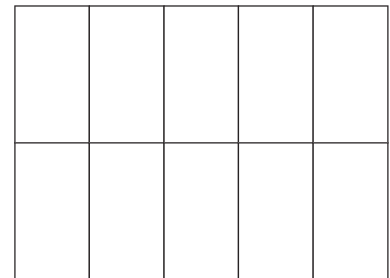
- $\frac{2}{3}$ : green
- $\frac{1}{3}$ : red



- $\frac{1}{5}$ : red
- $\frac{2}{5}$ : green
- $\frac{2}{5}$ : blue



- $\frac{1}{6}$ : green
- $\frac{2}{6}$ : yellow
- $\frac{3}{6}$ : blue

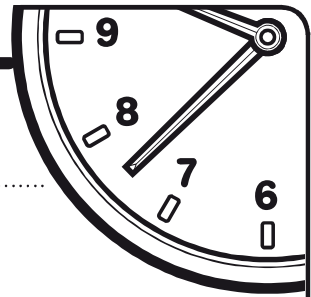


- $\frac{1}{10}$ : blue
- $\frac{2}{10}$ : yellow
- $\frac{3}{10}$ : red
- $\frac{4}{10}$ : green



Friday

# Minute 21



Name: ..... Date: .....

1.  $3 \times 3 = \dots\dots\dots$

2. Write 42, 420, 242 and 24 in order from **least** to **greatest**.

.....

3.  $54$   
 $- 33$   
.....

.....

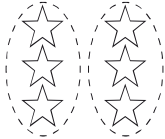
4. A rectangle has four angles and ..... sides.

5.  $53$   
 $+ 10$   
.....

.....

6. Circle the abbreviation for metre.     m     mtr     M

7.  $6 \div 3 = \dots\dots\dots$

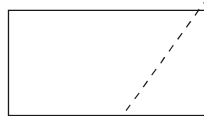


8. Haley bought 14 jelly beans and 12 mints.

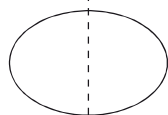
How many sweets did she buy altogether? ..... sweets

**In Questions 9 and 10, is this a line of symmetry? Write yes or no.**

9. ....



10. ....



My score: \_\_\_\_\_

**10**

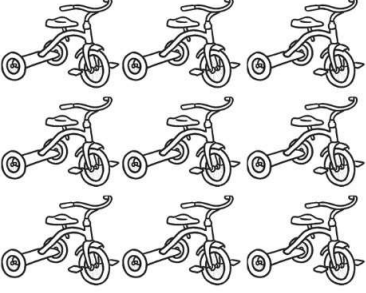
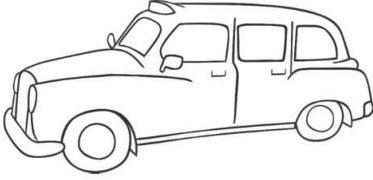
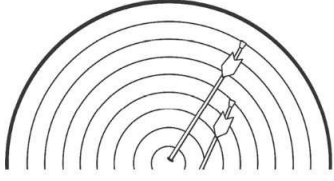


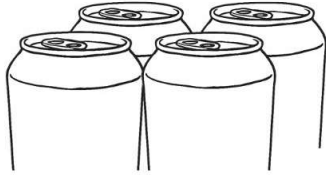

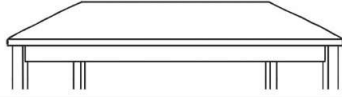
My time: \_\_\_\_\_

minutes

seconds

# Multiplication and Division

## Word Problems x3 x4 x8

<p><b>1.</b> How many wheels would 9 tricycles have?</p>  <input type="text"/>	<p><b>2.</b> 24 people travel to an airport in taxis. 4 people travel in each taxi. How many taxis are used?</p>  <input type="text"/>	<p><b>3.</b> Hanan is a keen archer. One day she shoots 5 arrows. Each arrow scores an 8. What is her total score?</p>  <input type="text"/>
<p><b>4.</b> Three judges award 27 marks overall. They each give the same score. What score did they each give?</p>  <input type="text"/>	<p><b>5.</b> Cinema tickets are \$8. Six people go to see a film. How much will they pay altogether?</p>  <input type="text"/>	<p><b>6.</b> Cans of lemonade are sold in packs of 4. Cherie wants 36 cans for a party. How many packs should she buy?</p>  <input type="text"/>
<p><b>7.</b> Trish, Karen and Layla share equally a packet of nuts. There are 21 nuts in the pack. How many nuts do each get?</p>  <input type="text"/>	<p><b>8.</b> A machine making mango pieces puts 8 pieces in each snack packet. The machine makes 88 pieces in 1 minute. How many packets are filled every minute?</p> <input type="text"/>	<p><b>9.</b> A carpenter makes tables. Some have 3 legs and some have 4 legs. He plans to make 5 tables with 3 legs, and 4 tables with 4 legs. How many legs will he need?</p>  <input type="text"/>

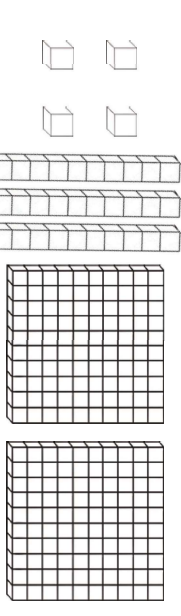
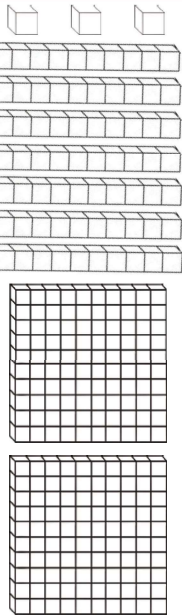
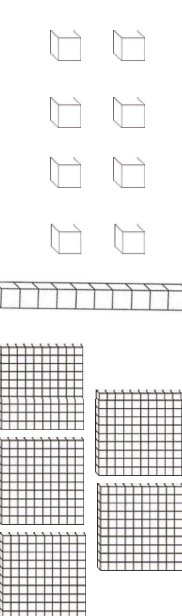
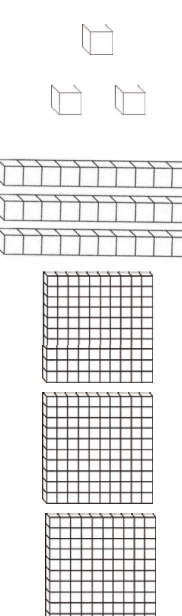
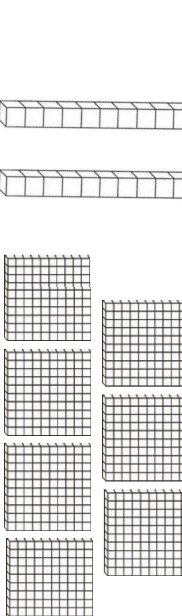


# Base Ten Blocks, Number Expanders and Addition Sentences

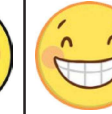
Look at the blocks.

Write the number on the expander.

Write the numbers to show the total value of the blocks.



	<table border="1"> <tr> <td>2</td> <td>hundreds</td> <td>3</td> <td>tens</td> <td>4</td> <td>ones</td> </tr> </table>	2	hundreds	3	tens	4	ones	<table border="1"> <tr> <td>200</td> <td>+</td> <td>30</td> <td>+</td> <td>4</td> </tr> </table>	200	+	30	+	4
2	hundreds	3	tens	4	ones								
200	+	30	+	4									
	<table border="1"> <tr> <td></td> <td>hundreds</td> <td></td> <td>tens</td> <td></td> <td>ones</td> </tr> </table>		hundreds		tens		ones	<table border="1"> <tr> <td></td> <td>+</td> <td></td> <td>+</td> <td></td> </tr> </table>		+		+	
	hundreds		tens		ones								
	+		+										
	<table border="1"> <tr> <td></td> <td>hundreds</td> <td></td> <td>tens</td> <td></td> <td>ones</td> </tr> </table>		hundreds		tens		ones	<table border="1"> <tr> <td></td> <td>+</td> <td></td> <td>+</td> <td></td> </tr> </table>		+		+	
	hundreds		tens		ones								
	+		+										
	<table border="1"> <tr> <td></td> <td>hundreds</td> <td></td> <td>tens</td> <td></td> <td>ones</td> </tr> </table>		hundreds		tens		ones	<table border="1"> <tr> <td></td> <td>+</td> <td></td> <td>+</td> <td></td> </tr> </table>		+		+	
	hundreds		tens		ones								
	+		+										
	<table border="1"> <tr> <td></td> <td>hundreds</td> <td></td> <td>tens</td> <td></td> <td>ones</td> </tr> </table>		hundreds		tens		ones	<table border="1"> <tr> <td></td> <td>+</td> <td></td> <td>+</td> <td></td> </tr> </table>		+		+	
	hundreds		tens		ones								
	+		+										

# Emoji Code Breaking



									
0	1	2	3	4	5	6	7	8	9

**Example:**  +  = 15




7                      8

1.  +  =



\_\_\_                      \_\_\_

5.  +  =




\_\_\_                      \_\_\_

2.   +  =




\_\_\_                      \_\_\_

6.  +  =




\_\_\_                      \_\_\_

3.   +  =



\_\_\_                      \_\_\_

7.  +   =

\_\_\_                      \_\_\_

4.  +   =

\_\_\_                      \_\_\_

8.  +  =

\_\_\_                      \_\_\_