Plattsburg Public School
Learning from Home

Year 3

Group 1
NUMERACY

Friday

Minute 6

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

1. Circle the name of the shape.

   circle   square   triangle   rectangle

2. Write the next number in the pattern.

   4, 8, 12, 16, ...

3. Will has a pair of skates. There are 4 wheels on each skate.

   How many wheels are there altogether? .... wheels

4. Circle the digit in the **tens** place.   426
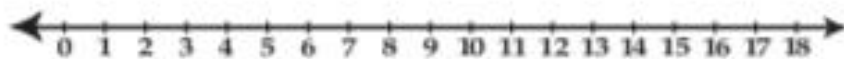
5. How many corners are on the shape? .... corners

6. Complete the fact family.

   $2 + 3 = 5$ $5 - 2 = 3$

   $3 + 2 = $ .... $5 - 3 = 2$

Use the number line to complete Questions 7 to 10.

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

7. $15 - 4 = $ ....

8. $16 - 8 = $ ....

9. $14 - 7 = $ ....

10. $13 - 9 = $ ....

3-Digit Column Addition (With Regrouping)

1.
```
    1  0  9
 +  1  3  9
```

2.
```
    4  5  5
 +  2  8  1
```

3.
```
    1  7  0
 +  2  4  9
```

4.
```
    5  5  4
 +  2  0  9
```

5.
```
    1  9  6
 +  7  0  6
```

6.
```
    6  2  8
 +  3  1  9
```

7.
```
    6  7  7
 +  1  6  0
```

8.
```
    5  2  4
 +  2  0  8
```

9.
```
    1  9  9
 +  3  9  1
```

10.
```
    1  5  8
 +  4  6  6
```

11.
```
    3  8  5
 +  1  3  7
```

12.
```
    6  6  5
 +  1  0  7
```

13.
```
    1  0  9
 +  4  9  8
```

14.
```
    2  3  7
 +     6  8
```

15.
```
    2  9  0
 +  2  7  6
```

16.
```
    8  6  2
 +     6  7
```

17.
```
    7  1  9
 +  1  8  2
```

18.
```
    5  9  5
 +  1  1  7
```

19.
```
    2  6  7
 +  5  7  9
```

20.
```
    6  0  6
 +  2  5  8
```

Multiplying by 5 (A)

Name: _____   Date: _____   Score: ___ /100

Calculate each product.

4 × 5	11 × 5	10 × 5	1 × 5	5 × 5	7 × 5	9 × 5	8 × 5	6 × 5	3 × 5
12 × 5	2 × 5	5 × 1	5 × 4	5 × 11	5 × 9	5 × 12	5 × 3	5 × 8	5 × 2
5 × 6	5 × 10	5 × 5	5 × 7	7 × 5	5 × 11	5 × 9	5 × 10	12 × 5	5 × 6
5 × 1	3 × 5	5 × 5	5 × 8	2 × 5	5 × 4	5 × 12	5 × 6	5 × 4	5 × 5
11 × 5	2 × 5	1 × 5	5 × 9	7 × 5	3 × 5	10 × 5	8 × 5	5 × 5	5 × 6
5 × 12	2 × 5	5 × 3	4 × 5	1 × 5	5 × 9	5 × 10	8 × 5	5 × 11	5 × 7
5 × 2	6 × 5	8 × 5	3 × 5	5 × 7	5 × 5	1 × 5	9 × 5	5 × 10	5 × 11
5 × 12	4 × 5	12 × 5	3 × 5	7 × 5	6 × 5	2 × 5	5 × 9	5 × 4	8 × 5
1 × 5	5 × 5	11 × 5	5 × 10	5 × 7	5 × 4	10 × 5	5 × 11	8 × 5	5 × 1
5 × 2	3 × 5	9 × 5	5 × 5	12 × 5	6 × 5	5 × 5	5 × 1	4 × 5	5 × 8

Math-Drills.com

Monday

Minute 7

1. Circle the name of the solid shape.

   cube   cylinder   sphere   pyramid

2. Erin has 3 fish. Each fish has 2 fins.

   How many fish fins are there altogether? .... fins

3. Circle the **difference**. $9 - 4 = 5$

4. Circle the **sum**. $9 + 4 = 13$

5. Circle the **odd** number.   3   8

6. Complete the fact family.
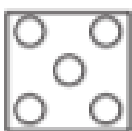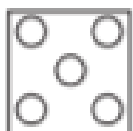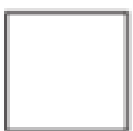
   $4 + 6 = 10$ $10 - 4 =$ ....
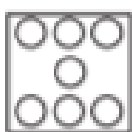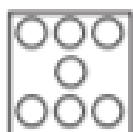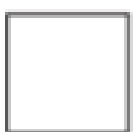
   $6 + 4 =$ .... $10 - 6 = 4$

7. $7 +$ .... $= 9$

For Questions 8 to 10, draw circles to show the sum of the doubles and complete the number sentence.

8. [⚬ ⚬] + [⚬ ⚬] = [   ] $2 + 2 =$ ....

9. [⚬⚬ ⚬ ⚬⚬] + [⚬⚬ ⚬ ⚬⚬] = [   ] $5 + 5 =$ ....

10. [⚬⚬⚬ ⚬ ⚬⚬⚬] + [⚬⚬⚬ ⚬ ⚬⚬⚬] = [   ] $7 + 7 =$ ....
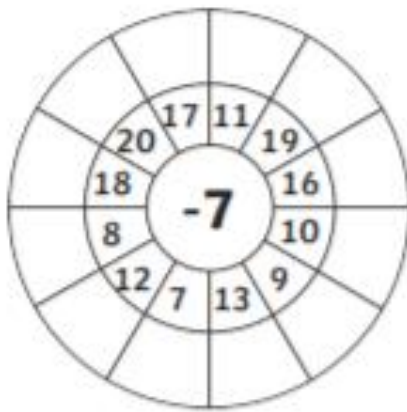
100 More and 100 Less Worksheet 1

Can you find 100 more than and 100 less than the number in the robot's tummy?

E.g.

60   260

160

320

780

410

890

540

290

670

830
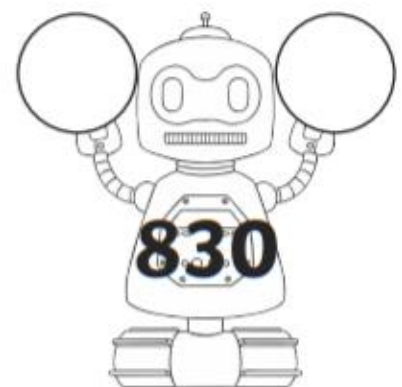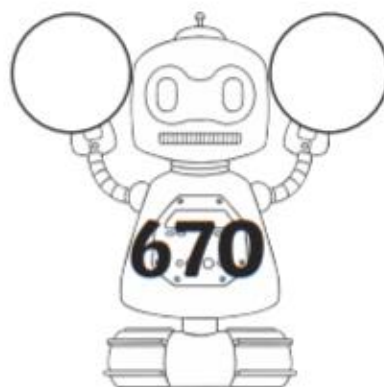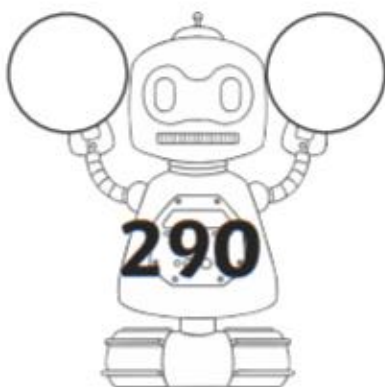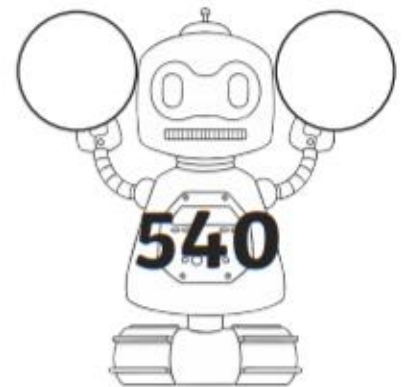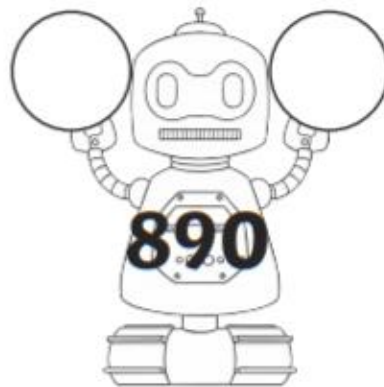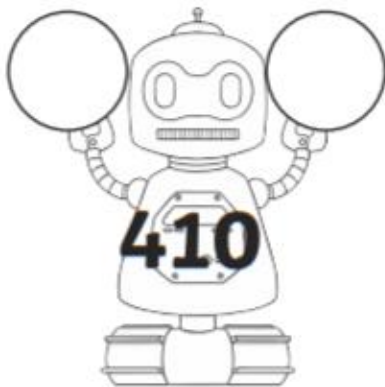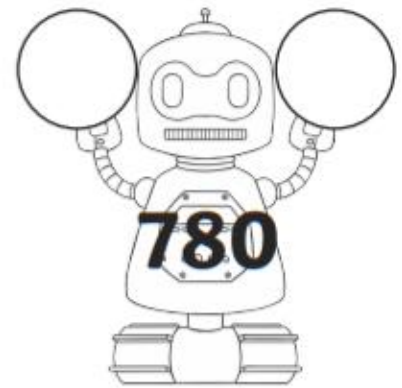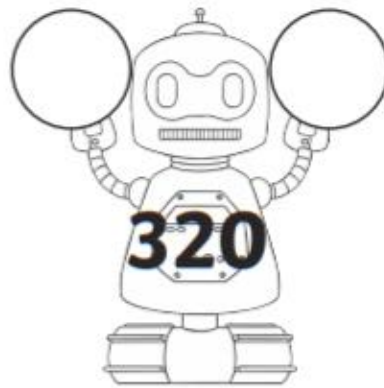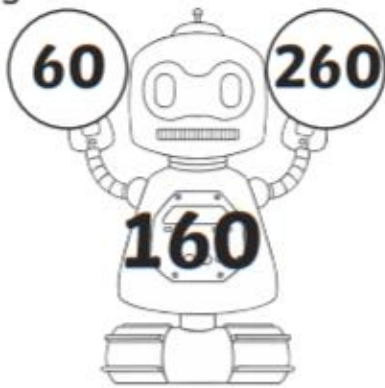
Addition and Subtraction Wheels

Add or subtract the numbers to the middle number.

Wheel 1 (+8)
Outer numbers: 1, 4, 6, 12, 7, 2, 9, 5, 10, 8, 11, 3

Wheel 2 (-9)
Outer numbers: 13, 20, 16, 11, 15, 19, 14, 18, 9, 10, 12, 17

Wheel 3 (+6)
Outer numbers: 12, 2, 14, 8, 10, 11, 3, 6, 9, 13, 1, 0

Wheel 4 (-7)
Outer numbers: 17, 11, 19, 16, 10, 9, 13, 7, 12, 8, 18, 20

Wheel 5 (+5)
Outer numbers: 13, 2, 11, 6, 9, 7, 10, 15, 4, 12, 3, 8

Wheel 6 (-4)
Outer numbers: 5, 12, 10, 20, 9, 19, 16, 14, 12, 18, 11, 17

Wheel 7 (+12)
Outer numbers: 4, 3, 10, 6, 5, 2, 0, 8, 7, 1, 9, 3

Wheel 8 (-8)
Outer numbers: 10, 19, 11, 8, 9, 17, 15, 18, 20, 16, 12, 14

Wheel 9 (+7)
Outer numbers: 6, 11, 9, 3, 7, 10, 13, 8, 12, 5, 0, 2

Wheel 10 (-10)
Outer numbers: 14, 20, 13, 17, 19, 15, 12, 16, 21, 11, 18, 10

Wheel 11 (+9)
Outer numbers: 9, 11, 2, 8, 4, 0, 7, 1, 5, 10, 3, 6

Wheel 12 (-3)
Outer numbers: 5, 20, 17, 4, 14, 18, 6, 3, 10, 19, 12, 16

Tuesday

Minute 8

1. Circle the hexagon.

A   B   C   D

2. Circle the **even** number.

3   8

3. Circle the open figures.

A   B   C   D   E

4. This is a line segment. Circle: True   or   False

B

A

5. $6 + 3 =$ _____

6. $9 - 2 =$ _____

7. $4 + 3 + 2 =$ _____

For Questions 8 to 10, **write** before, after **or** between **to complete the sentence.**

8. 7 comes _____ 10 and 12.

9. 9 comes _____ 8 and 12.
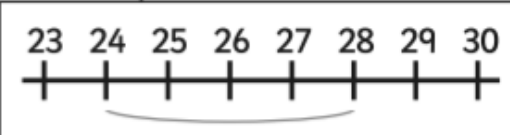
10. 14 comes _____ 5 and 9.

Writing Numbers in Words

Write the following numbers in words:

243	Two hundred and forty-three
567	
785	
391	
669	
402	
513	
699	
840	
709	
112	
590	
519	
101	

Subtraction from 30 with a Number line

Example:

$\underline{28} - 4 = \boxed{24}$

23 24 25 26 27 28 29 30

---

30 - 4 =

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

---

20 - 4 =

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

---

25 - 4 =

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

---

15 - 4 =

20 21 22 23 24 25 26 27 28 29 30

---

29 - 1 =

20 21 22 23 24 25 26 27 28 29 30

---

23 - 3 =

16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

---

27 - 5 =

3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

---

20 - 11 =

16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
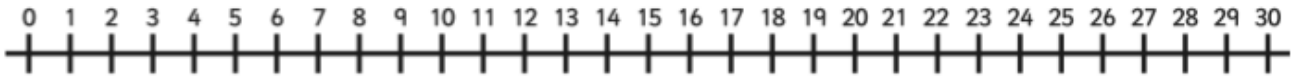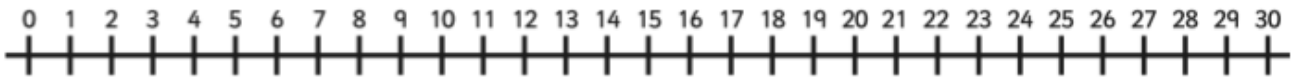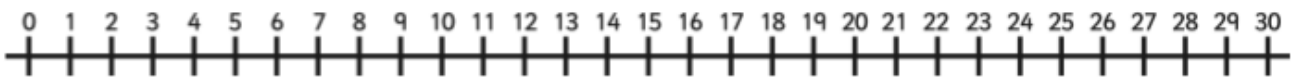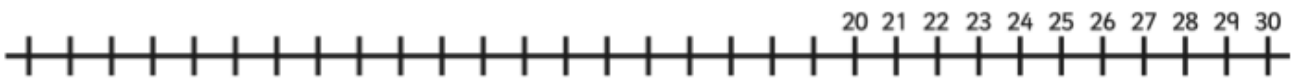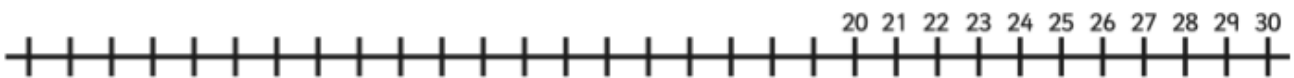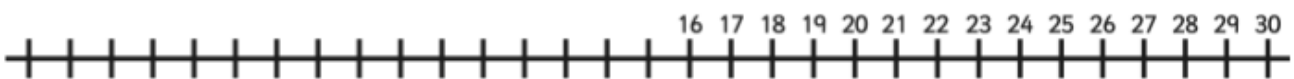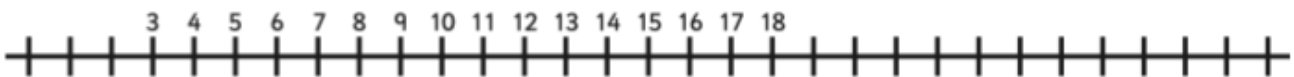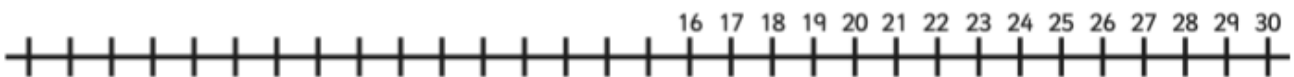
Wednesday

Minute 9

1. Kay has 6 pencils. Tran has 16 pencils.

   Who has more pencils? ....

2. Circle the name of the solid shape.

   cube   tetrahedron   cylinder   sphere
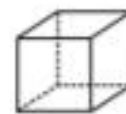
3. Write the **difference**. $12 - 6 =$ ....

4. Write the **sum**. $12 + 6 =$ ....

5. How many sides does the shape have? .... sides

6. Write the missing number in the pattern.

   5, 10, ... 20, 25

Use the number line to complete Questions 7 to 10.

5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
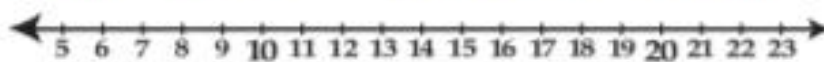
7. $9 + 6 =$ ....

8. $8 + 8 =$ ....

9. $9 + 9 =$ ....

10. $5 + 12 =$ ....

100 More and 100 Less Worksheet 2

Can you find 100 more than and 100 less than the number in the robot's tummy?

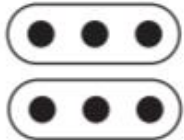E.g.

64 | 164 | 264

823

378

741

559

254

629

467

634
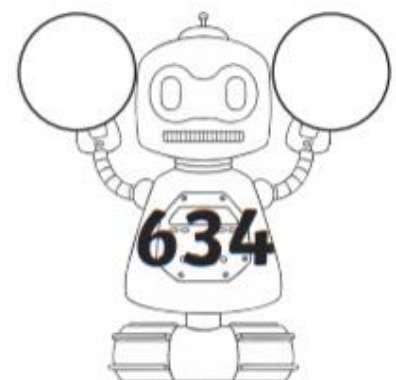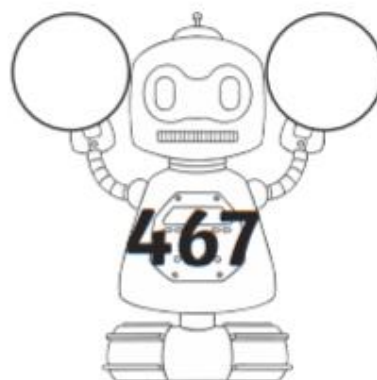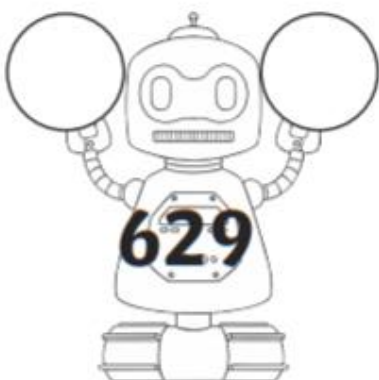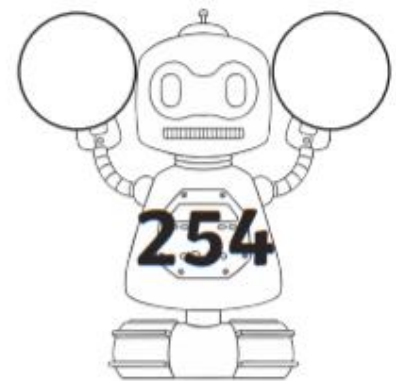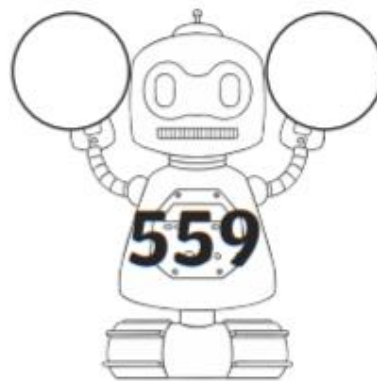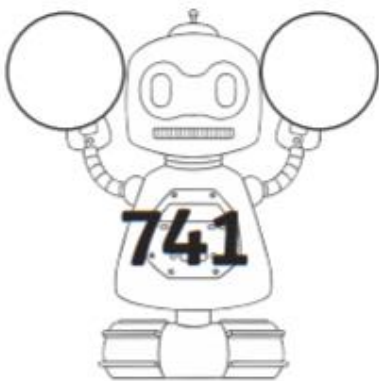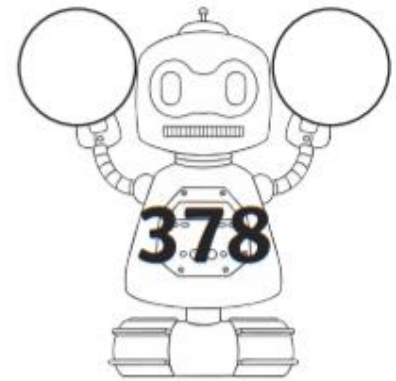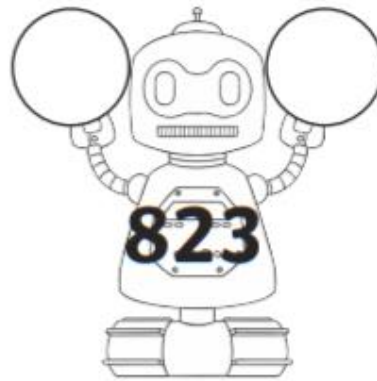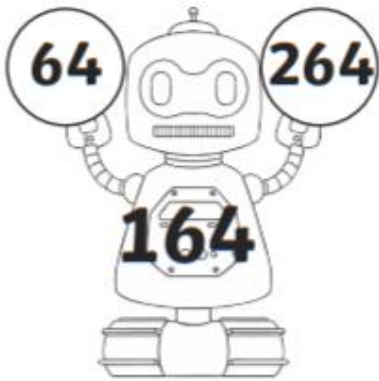
2, 5 and 10s Arrays

Arrays are pictures that help us see numbers. Number sentences are shown with dots and arranged into rows and columns.

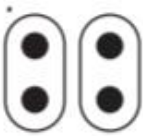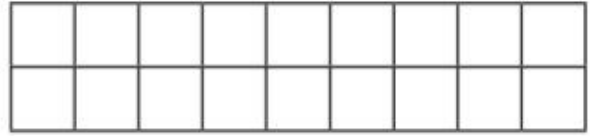Here is an example:

3	+	3	=	6
2	×	3	=	6

1. Write the multiplication calculation and repeated addition for each array.

2 × 2

4 × 2

5 × 2
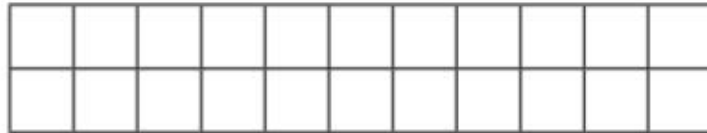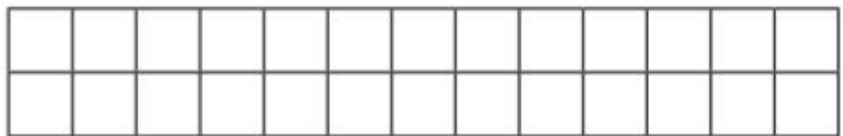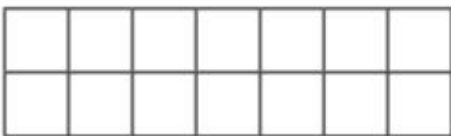
2. Write the multiplication calculation and repeated addition for each array.

_ × _

_ × _

Thursday

Minute 10

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

1. This line segment has two names. The names are .... and $\overline{DC}$.

    C ———————— D

2. Multiply the numbers. 2 x 4 = ...

3. 10 + 8 = ...

4. The coin is worth .... cents.

5. Complete the fact family.

    5 + 7 = 12   7 + 5 = ...

    12 – 7 = ...   12 – 5 = 7

6. Cara and Sam each have 2 yoyos.

    How many yoyos do they have altogether? .... yoyos

7. Natalie has 3 dogs. Tony has 5 dogs.
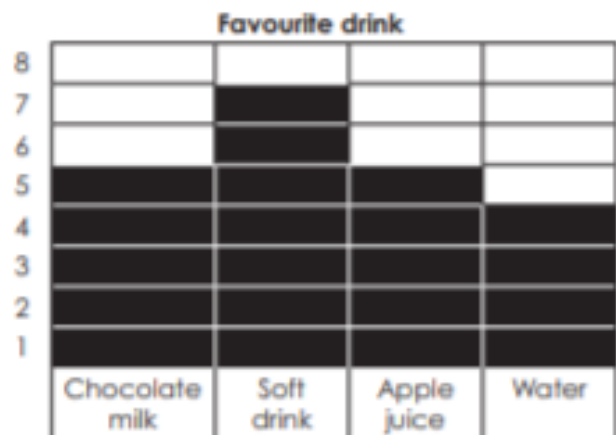
    Who has the greater number of dogs? ....

Use the bar graph to complete Questions 8 to 10.

8. Which drink is the

    most popular? ....

9. Which drink is the

    least popular? ....

10. Which two drinks were chosen by

    the same number of people?

    .... and ....

Favourite drink

	Chocolate milk	Soft drink	Apple juice	Water
8				
7		■		
6		■		
5	■	■	■	
4	■	■	■	■
3	■	■	■	■
2	■	■	■	■
1	■	■	■	■

3. Samir and Iyla are writing number sentences for this array.

8 + 2 = 16 — Samir

8 + 8 = 16 — Iyla

Who do you agree with? Why?

_____

_____

_____

4. The value of an array is 10. What could the array be?

Draw 3 possible arrays to show this. Write the repeated addition and the multiplication calculation for each array.

Bridging Through 100

Example:

70 + 50 = ☐

30   20

70 + 30 = 100

100 + 20 = **120**

---

1. 90 + 50 = ☐

☐ ☐

_____ + _____ = _____

_____ + _____ = _____

2. 40 + 80 = ☐

☐ ☐

_____ + _____ = _____

_____ + _____ = _____

---

3. 60 + 70 = ☐

☐ ☐

_____ + _____ = _____

_____ + _____ = _____

4. 50 + 60 = ☐

☐ ☐

_____ + _____ = _____

_____ + _____ = _____

---

5. 30 + 80 = ☐

☐ ☐

_____ + _____ = _____

_____ + _____ = _____

Challenge

83 + 20 = ☐

☐ ☐

_____ + _____ = _____

_____ + _____ = _____

Friday

Minute 11

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

1. Multiply the numbers. 2 x 3 = ... $\mathcal{CCC}$ $\mathcal{CCC}$

2. Write 16, 9, 20, and 7 in order

   from **least** to **greatest**. ....

3. What is the **difference** between 8 and 6? ....

4. What is the **sum** of 8 and 6? ....

5. Complete the fact family. $7 + 8 = 15$ $8 + 7 =$ ....

   $15 - 8 =$ .... $15 - 7 = 8$

6. How long is AB? ....cm   A——B

7. Nancy has 3 ten-cent pieces. Joe has 5 five-cent pieces.

   Who has the **greater** amount of money? ....

For Questions 8 to 10, circle the figure that is congruent (same shape and size) to the shaded figure.

8.   ⬡   Ⓐ Ⓑ Ⓒ Ⓓ
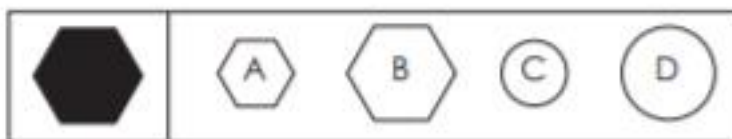
9.   ▲   Ⓐ Ⓑ Ⓒ Ⓓ

10. ●   Ⓐ Ⓑ Ⓒ Ⓓ
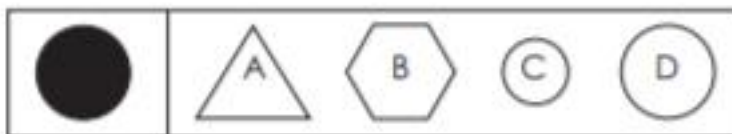
5. Write the repeated addition and multiplication calculation for each array.

6 × 5
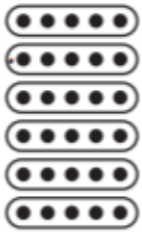
4 × 5
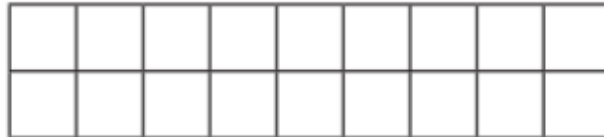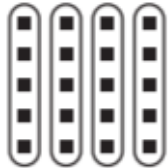
5 × 10

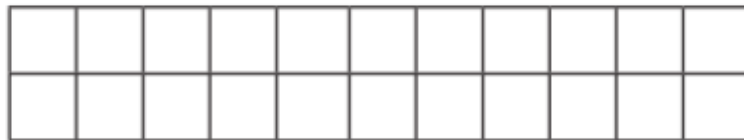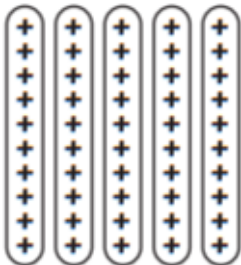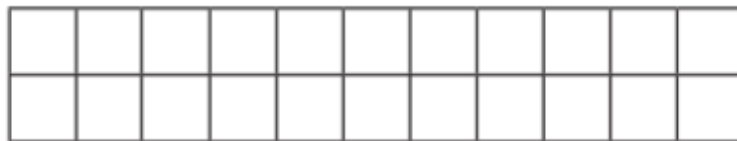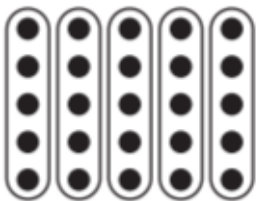6. Write the repeated addition and multiplication calculation for each array.
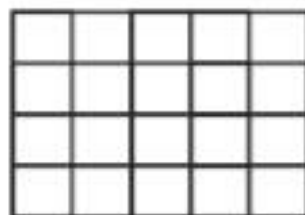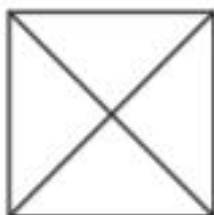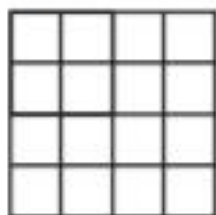
5 × __

3 × __
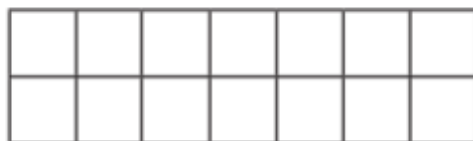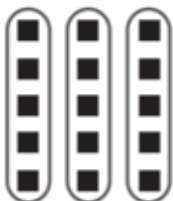
Find the Fraction

I can find $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{3}$ or $\frac{3}{4}$ of an amount or shape.

Colour $\frac{1}{4}$ of each of these shapes red and colour $\frac{3}{4}$ green.

Solve these puzzles:

I have 80c. I spend $\frac{1}{4}$ of it. How much do I spend?

...... c

How much do I have left?

...... c

I collect 24 eggs from the hens. I break $\frac{3}{4}$ of them when I trip up. How many eggs do I break?

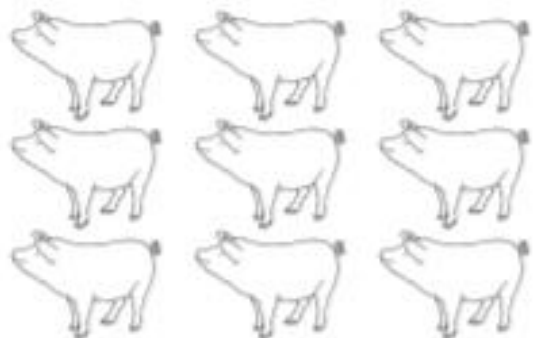...... eggs

How many eggs are not broken?

...... eggs

The fraction strip might help you.

Colour $\frac{1}{4}$ yellow and $\frac{3}{4}$ red.

Colour $\frac{1}{3}$

Colour $\frac{3}{4}$

What fraction is not coloured? ......