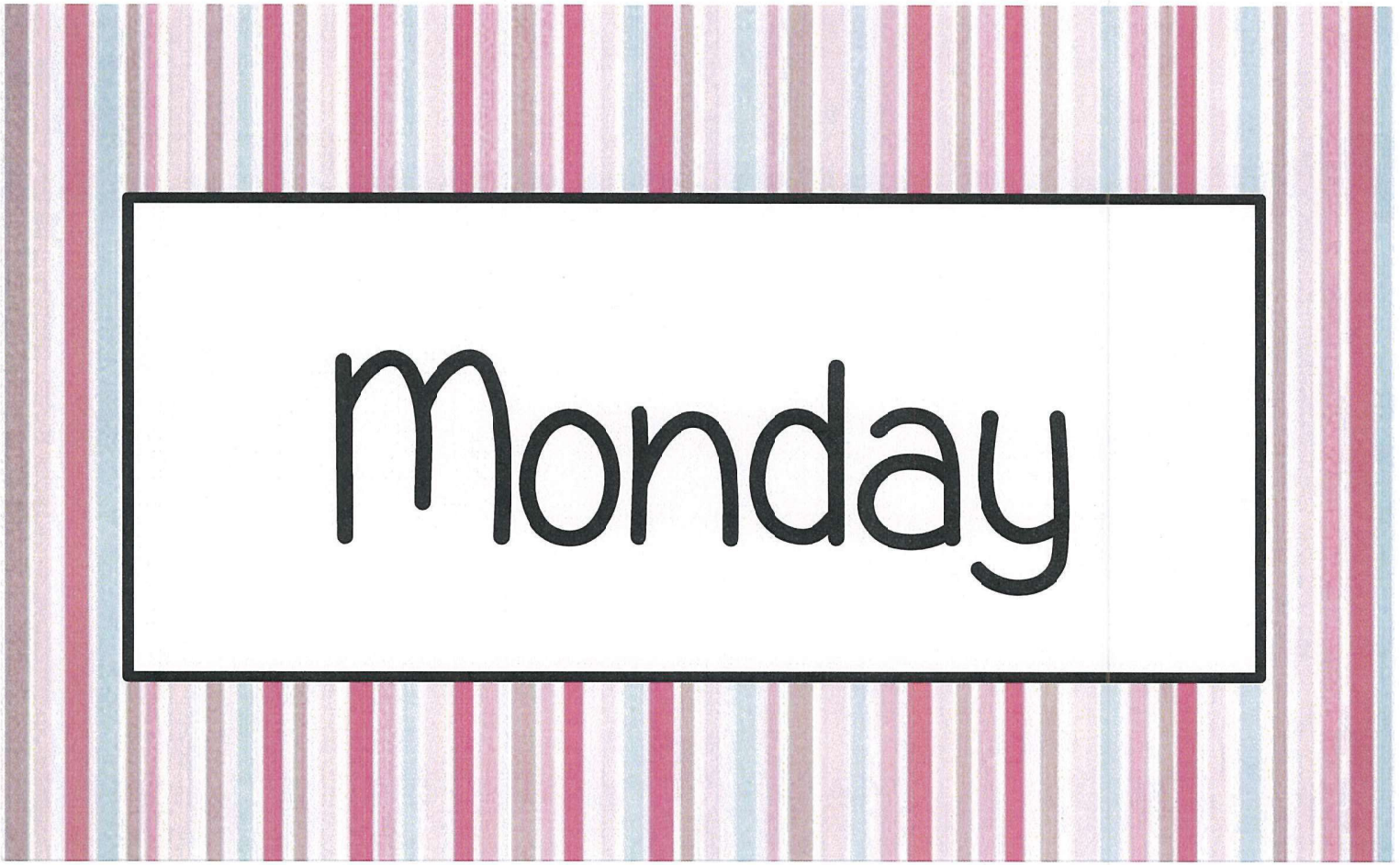
Plattsburg Public School

Learning from Home

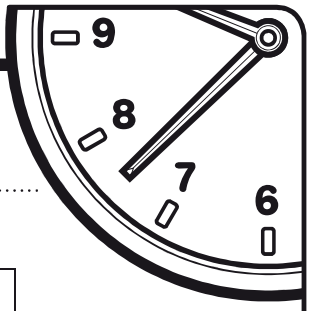
Year 4

Group 1

NUMERACY


Monday

Minute 22



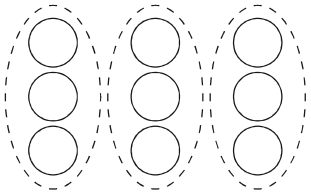
Name: ..... **Date:** .....

1. Write the fraction of the shaded area.

☐ shaded parts

☐ total parts

2. 9 ÷ 3 = ...



3. Circle the digit in the **ones** place. 921

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

5. 65
– 22
.....

.....

6. 1 metre = ... centimetres

7. $10.00 – $5.50 = ...

8. 1 litre = ... millilitres

9. 4 x 7 = ...

10. 26
+ 21
.....

.....

My score: ____ / 10

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

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Multiplying Two-Digit Numbers by One-Digit Numbers

1. 24 × 4

2. 22 × 5

3. 18 × 5

4. 26 × 3

5. 12 × 5

6. 48 × 2

7. 41 × 9

8. 31 × 7

9. 44 × 7

10. 32 × 7

11. 62 × 3

12. 66 × 4

13. 82 × 4

14. 87 × 8

15. 94 × 8

16. 53 × 8

17. 85 × 4

18. 75 × 3

19. 68 × 6

20. 78 × 7

Year 4 Maths Activity Mat

Section 1

$\frac{1}{4}$ of 16 = ☐

$\frac{1}{3}$ of 18 = ☐

Section 2

3 x 3 + 6 x 2 = ☐

2 x 4 + 10 x 6 = ☐

Section 3

Kim ran 2.4 km yesterday.

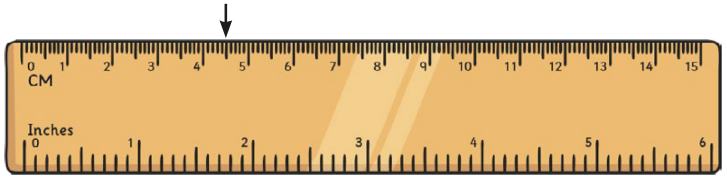
Today she ran 1.3 km.

How much further did she run yesterday than today?

☐

Section 4

What measurement is the arrow pointing to?



☐

Section 5

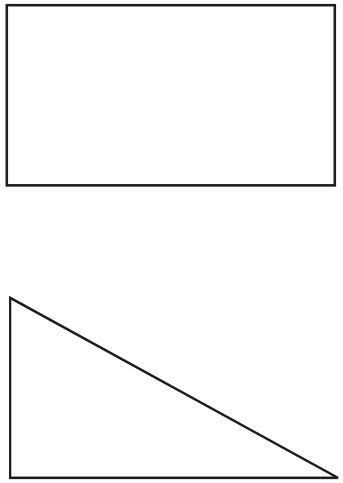
Complete these calculations:

	4	7	8
–	2	6	0

	4	5	6
–	2	0	0

Section 6

Draw the right angles in these shapes.



Section 7

How many ten cents are there in $1.30

☐

How many five cents are there in 55c?

☐

Section 8

There are 135 tulips in a flower bed.

27 are stolen. How many are left?

Write a number sentence to show this and calculate the answer.

☐

Word Search
8 Times Tables

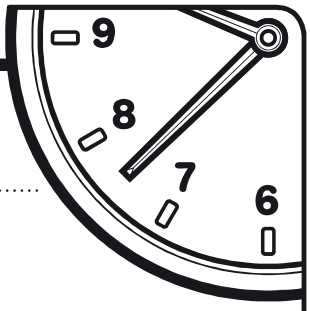
Answer the calculations below and find the answers in the word search:

8 x 5 =
8 x 9 =
8 x 2 =
8 x 3 =
8 x 6 =
8 x 7 =

t	w	e	n	t	y	f	o	u	r
h	w	x	i	s	y	t	f	i	f
g	t	e	e	d	b	g	n	o	i
i	y	e	n	e	s	h	r	h	f
e	t	e	e	t	y	t	e	i	t
y	r	i	r	t	y	y	e	r	y
t	i	y	t	r	o	f	t	t	s
r	h	e	w	u	o	u	o	y	i
o	w	t	y	t	n	e	v	e	s
f	s	i	x	t	e	e	n	n	r

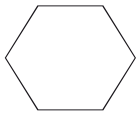

Tuesday

Minute 38



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

1. Circle the name of the shape.



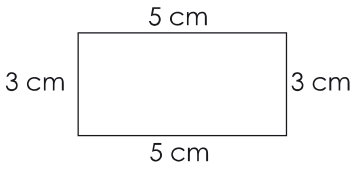
pentagon hexagon octagon

2. 1 dollar = ... cents

3. What does decade mean? ..... years

4. 8 x 8 = ...

5. What is the perimeter of the shape? ..... cm



6. 42 ÷ 6 = ...

7. 21 ÷ 7 = ...

8. 57
+ 42
.....

.....

9. 84
– 49
.....

.....

10. Mary plants 4 rows with 5 sunflowers in each row.

How many sunflowers does she plant in all? ..... sunflowers

My score: 10

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

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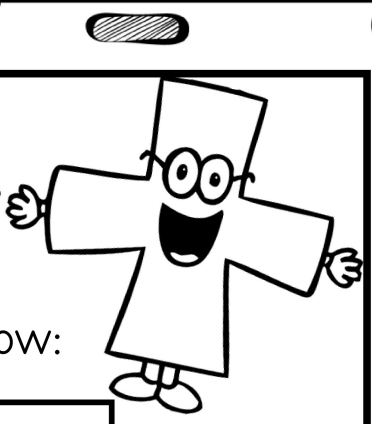
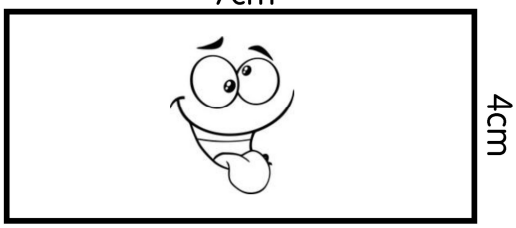
PERIMETER Puzzles



Name:

Calculate and record the perimeter of each shape below:

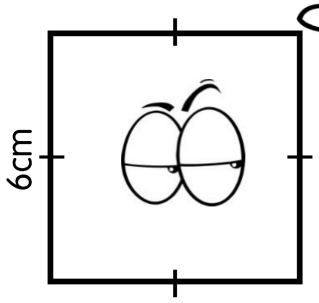
1



Working Out:

Perimeter: _____

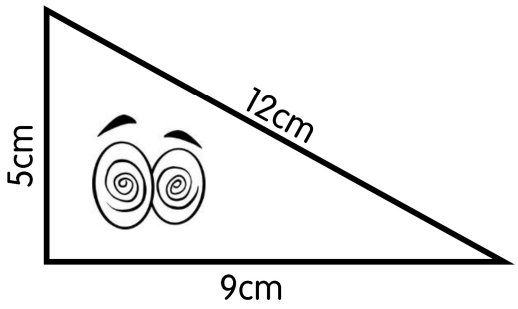
2



Working Out:

Perimeter: _____

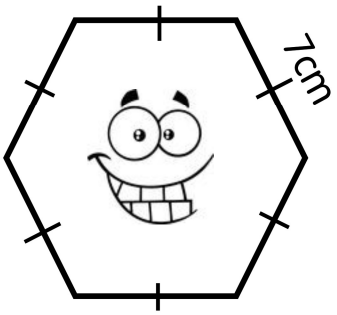
3



Working Out:

Perimeter: _____

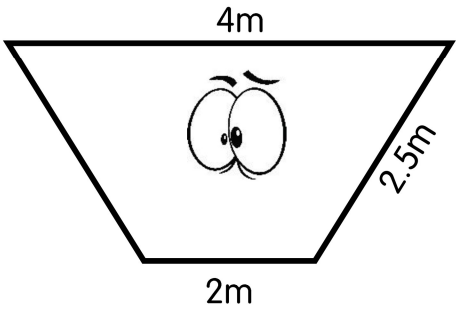
4



Working Out:

Perimeter: _____

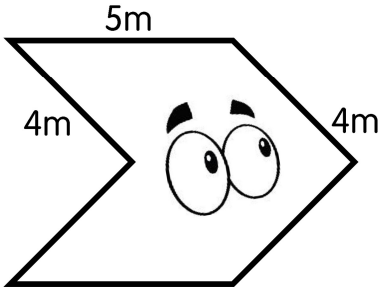
5



Working Out:

Perimeter: _____

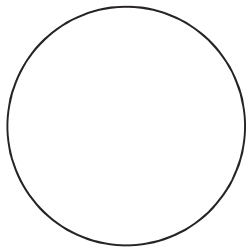
6



Working Out:

Perimeter: _____

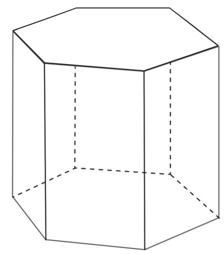
Name the 3D Shape



Shape of faces:___________

____

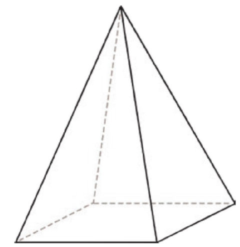
Number of vertices: ______
Number of edges:_____
Name:___________________



Shape of faces: ___________

____

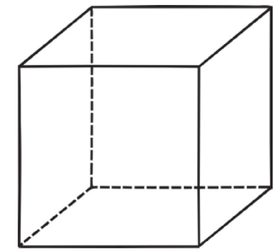
Number of vertices:_______
Number of edges: ______
Name:___________________



Shape of faces:___________

____

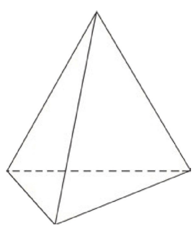
Number of vertices:_______
Number of edges:______
Name:___________________



Shape of faces:___________

____

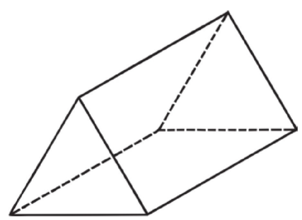
Number of vertices:_______
Number of edges:______
Name:___________________



Shape of faces:___________

____

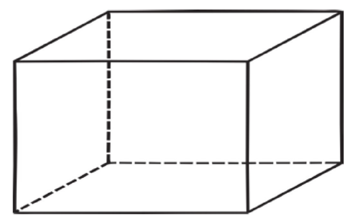
Number of vertices: ______
Number of edges:_____
Name:___________________



Shape of faces: ___________

____

Number of vertices: _______
Number of edges:_____
Name:___________________

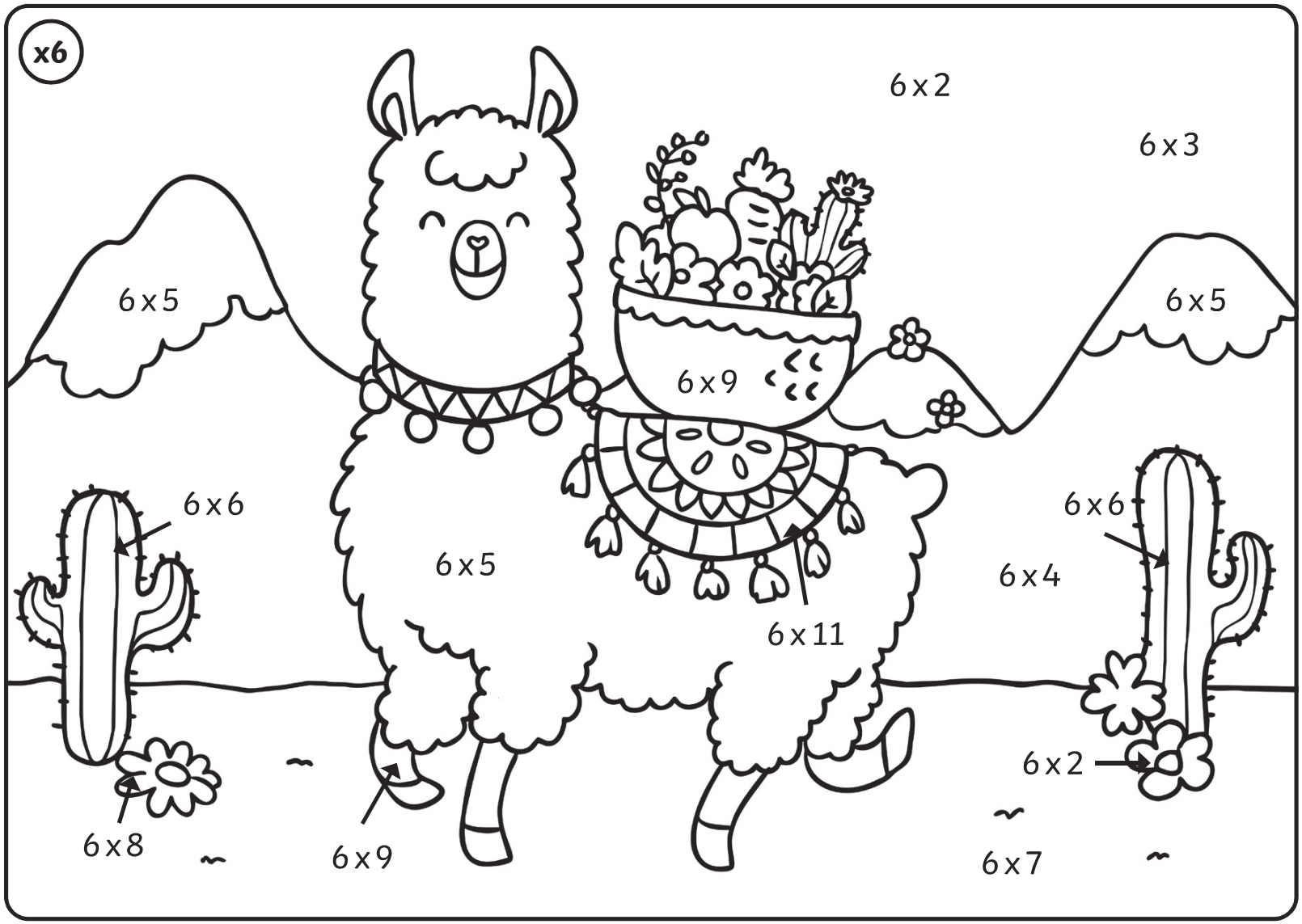


Shape of faces: ___________

____

Number of vertices:_______
Number of edges:______
Name:___________________

Colour by Multiplication



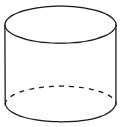
12	pink
18	light pink
24	turquoise
30	white
36	green
42	light yellow
48	orange
54	brown
66	red


Wednesday

Minute 25

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

1. Circle the name of the solid shape.



sphere cube cylinder pyramid

2. 25
+ 35
.....

.....

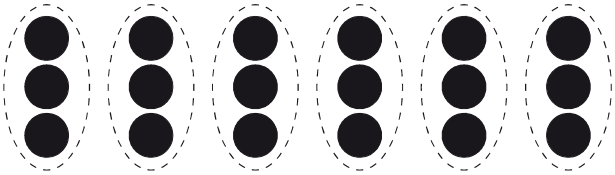
3. Multiply the numbers. 2 x 0 = ...

4. 63
– 24
.....

.....

5. 30 + 40 = ...

6. 18 ÷ 3 = ...



7. 4 x 6 = 24 Which number is the **product**? .....

8. 8 x 5 = 40 Which numbers are the **factors**? .....

9. A hexagon has ..... sides.

10. Halve 50. .....

My score: 10

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

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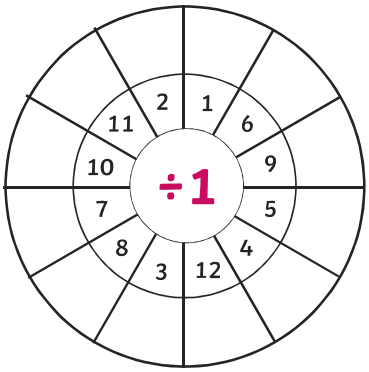
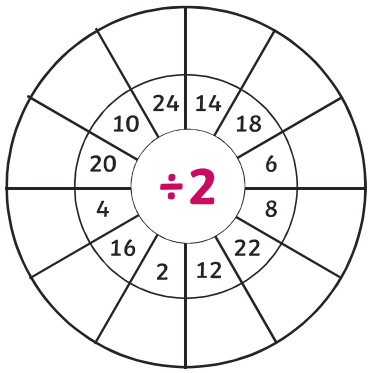
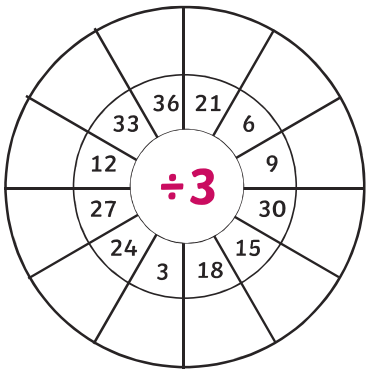
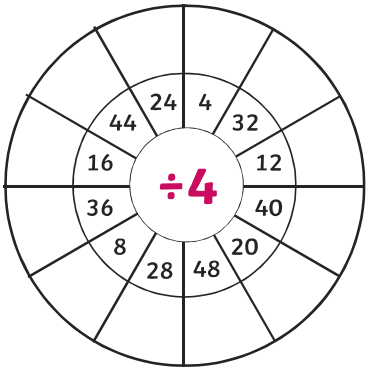
Division Wheels

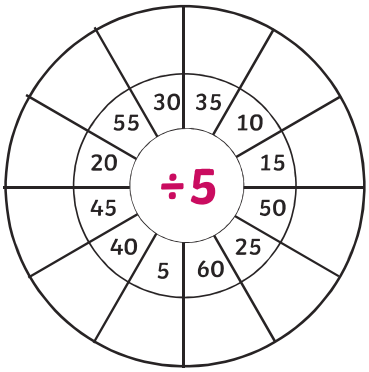
Divide the numbers by the middle number.

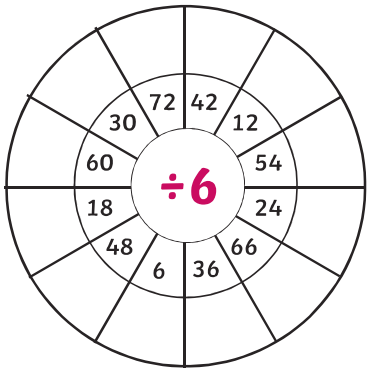


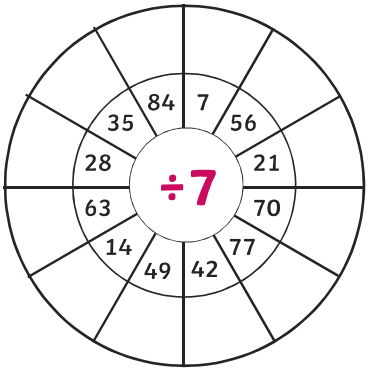


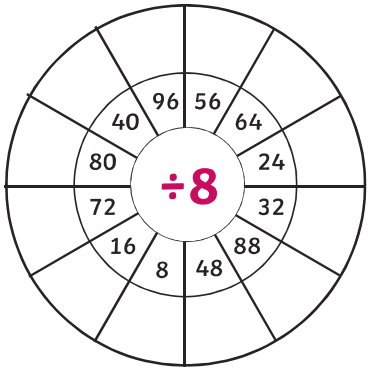


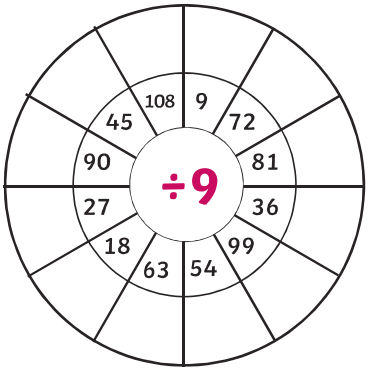


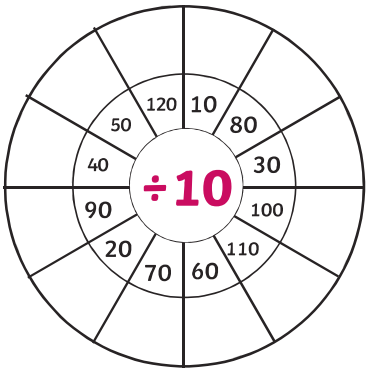


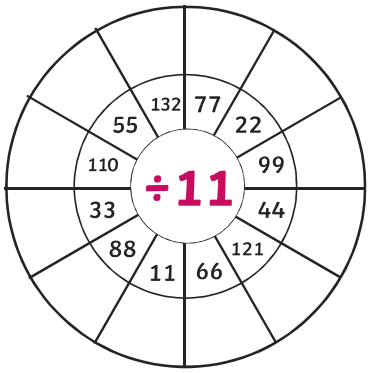


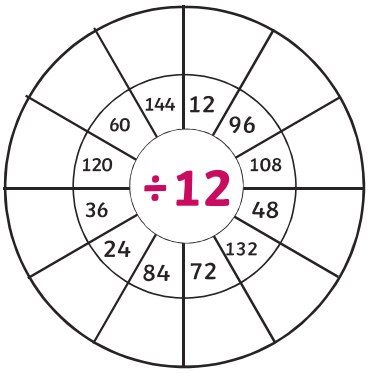












Space-Themed Mixed Times Table Mosaic

Solve the calculations to reveal a hidden picture. Each answer has a special colour.

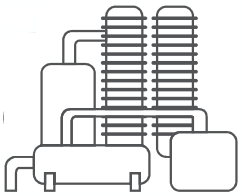
black = 1 – 12	**green =** 13 – 25	**blue =** 26 – 40	**red =** 41 – 60	**light grey =** 61 – 99	**yellow =** 100 – 119	**brown =** 120 – 144

9 × 12	16 ÷ 8	12 ÷ 3	16 ÷ 8	12 ÷ 3	24 ÷ 8	10 × 10	35 ÷ 5	48 ÷ 8
84 ÷ 7	32 ÷ 8	15 ÷ 3	12 × 3	8 × 4	35 ÷ 7	63 ÷ 9	24 ÷ 3	27 ÷ 3
25 ÷ 5	72 ÷ 9	5 × 4	8 × 4	4 × 7	5 × 5	3 × 4	56 ÷ 8	11 × 10
32 ÷ 8	49 ÷ 7	7 × 4	9 × 2	4 × 9	11 × 3	3 × 3	36 ÷ 3	110 ÷ 11
36 ÷ 6	42 ÷ 6	3 × 7	3 × 11	2 × 8	4 × 8	20 ÷ 4	12 × 9	96 ÷ 8
11 ÷ 11	20 ÷ 4	1 × 7	4 × 9	6 × 4	7 × 1	40 ÷ 8	3 × 3	2 × 4
36 ÷ 3	10 × 11	3 × 2	40 ÷ 4	21 ÷ 3	32 ÷ 4	12 × 12	7 × 7	8 × 7
96 ÷ 8	80 ÷ 8	18 ÷ 3	72 ÷ 8	30 ÷ 3	56 ÷ 8	11 × 11	12 × 4	7 × 6
1 × 7	12 × 7	8 × 8	6 × 12	10 × 7	7 × 9	12 × 11	8 × 11	35 ÷ 7
9 × 7	7 × 11	8 × 9	12 × 6	9 × 9	11 × 9	7 × 12	6 × 11	8 × 12

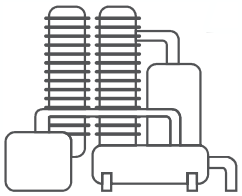
Challenge: Are these calculations true or false? Explain your reasoning.

5 × 8 < 12 × 4

72 ÷ 9 > 56 ÷ 7



Ponderous Predicament of the Predictable Pattern Machine



In an abandoned factory near your school, you find a really cool machine. When you type a number into a keypad, it will display a different number on its screen. The number that comes up seems to be related to some sort of rule, and with enough of them, you begin to see a pattern. Below are some charts that show the input and output of your tests. See if you can solve the rule for each of these batches.

1.

In	Out
1	3
2	6
3	9
4	12
5	15

Rule

2.

In	Out
8	8
22	22
45	45
61	61
87	87

Rule

3.

In	Out
1	5
2	10
3	15
4	20
5	25

Rule

4.

In	Out
4	36
6	54
9	81
10	90
12	108

Rule

5.

In	Out
4	6
12	14
6	8
51	53
20	22

Rule

6.

In	Out
50	10
35	7
25	5
10	2
40	8

Rule

7.

In	Out
16	4
20	5
32	8
40	10
48	12

Rule

8.

In	Out
2	16
3	24
5	40
6	48
8	64

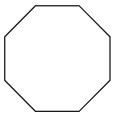
Rule


Thursday

Minute 28

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

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



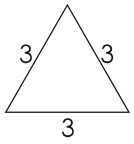
2. 1 dollar = ... cents

3. 1 centimetre = ... millimetres

4. 16 ÷ 4 = ...

5. The perimeter of the shape is 9.

Circle: True or False



6. 5 x 6 = ...

7. 36
+ 56
.....

.....

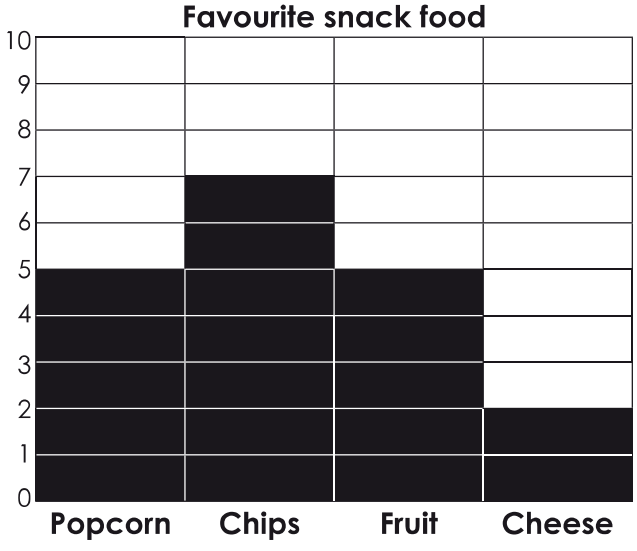
Use the bar graph to complete Questions 8 to 10.

8. Which snack is the least popular? .....

9. Which snack is the most popular? .....

10. Which two snacks are liked equally?

....



My score: ____ / 10

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

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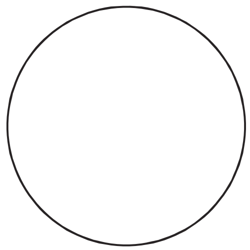
Ultimate Division Challenge

Name: Number Correct:

Time Taken: Previous Score:

22÷11=	33÷11=	40÷5=	27÷3=	99÷11=	25÷5=
28÷7=	16÷8=	121÷11=	48÷4=	63÷7=	8÷2=
18÷6=	12÷6=	72÷8=	99÷9=	60÷12=	18÷2=
56÷8=	8÷1=	77÷11=	28÷4=	54÷6=	24÷6=
3÷1=	55÷5=	60÷10=	45÷5=	25÷5=	18÷6=
32÷8=	36÷4=	70÷7=	40÷5=	9÷9=	18÷9=
60÷5=	24÷8=	18÷2=	22÷2=	88÷8=	40÷5=
8÷8=	96÷8=	20÷2=	132÷12=	40÷8=	12÷4=
2÷2=	48÷8=	72÷8=	110÷11=	84÷7=	20÷5=
24÷3=	77÷7=	8÷4=	48÷12=	30÷5=	84÷12=
21÷7=	9÷1=	33÷3=	27÷3=	60÷5=	48÷8=
84÷12=	35÷5=	12÷12=	25÷5=	49÷7=	12÷1=
35÷7=	120÷12=	81÷9=	80÷10=	32÷8=	10÷2=
48÷4=	66÷11=	88÷8=	8÷4=	54÷9=	35÷5=
24÷8=	72÷12=	10÷1=	88÷8=	60÷5=	54÷6=
40÷10=	16÷2=	45÷9=	7÷1=	48÷6=	21÷7=
56÷8=	88÷11=	108÷9=	32÷8=	10÷2=	54÷9=
36÷12=	11÷11=	56÷8=	20÷5=	88÷11=	5÷1=
5÷5=	88÷8=	88÷11=	5÷1=	16÷2=	48÷12=
3÷3=	81÷9=	12÷2=	120÷12=	77÷7=	110÷10=
18÷9=	8÷8=	70÷7=	4÷2=	24÷2=	28÷7=
24÷3=	45÷5=	30÷10=	5÷5=	8÷2=	12÷6=
10÷2=	42÷7=	8÷4=	18÷6=	72÷6=	24÷8=
66÷11=	56÷7=	24÷4=	12÷1=	9÷3=	45÷9=

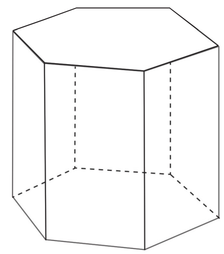
Name the 3D Shape



Shape of faces:___________

____

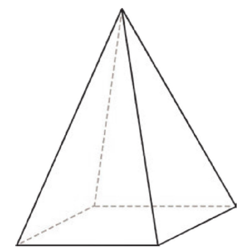
Number of vertices: ______
Number of edges:_____
Name:__________________



Shape of faces: ___________

____

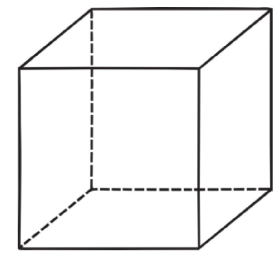
Number of vertices:_______
Number of edges: ______
Name:__________________



Shape of faces:___________

____

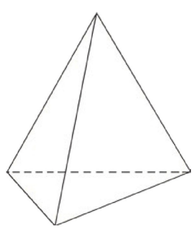
Number of vertices:_______
Number of edges:______
Name:__________________



Shape of faces:___________

____

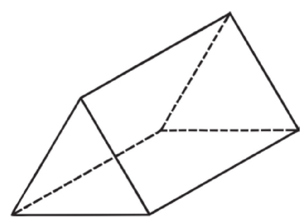
Number of vertices:_______
Number of edges:______
Name:__________________



Shape of faces:___________

____

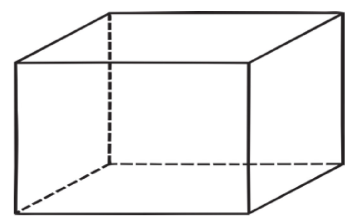
Number of vertices: ______
Number of edges:_____
Name:__________________



Shape of faces: ___________

____

Number of vertices:______
Number of edges:_____
Name:__________________



Shape of faces: ___________

____

Number of vertices:_______
Number of edges:______
Name:__________________

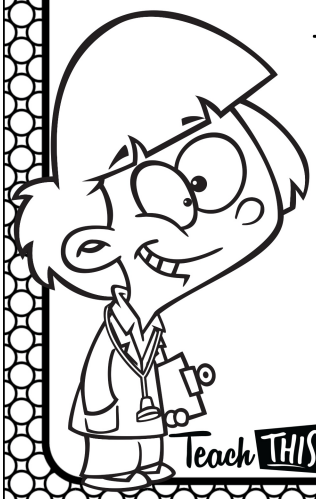
Addition and Subtraction Checkup

Name:

This is your chance to show off what you already know about adding and subtracting big numbers. There are a couple of challenge questions at the end.

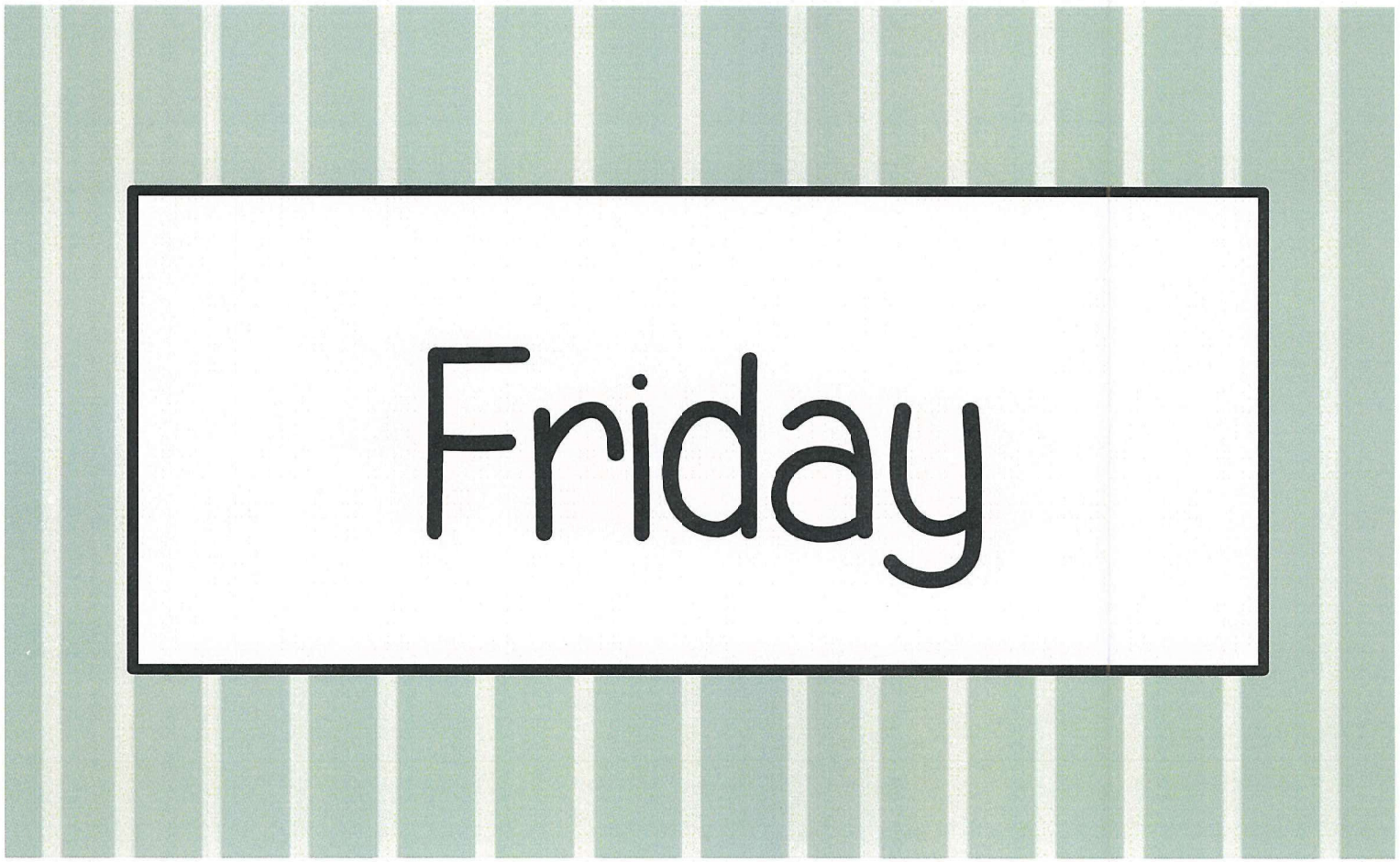
Score:

423 + 36	638 + 21	921 + 13	562 + 134	217 + 820
647 + 48	197 + 35	392 + 269	805 + 769	695 + 406
368 − 28	869 − 18	598 − 42	726 − 104	369 − 248
423 − 81	306 − 23	726 − 48	553 − 269	809 − 694

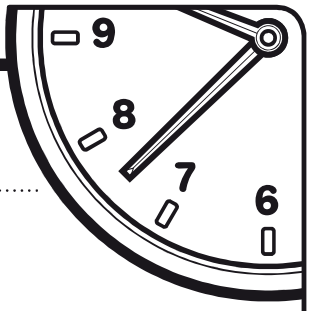


Try these challenge questions

28.3 + 4.6	3.53 + 0.82	59.8 − 6.3	12.18 − 5.81


Friday

Minute 78

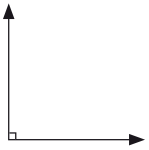


Name: ..... **Date:** .....

1. 3383
+ 5004
.....

.....

2. This is a right angle.



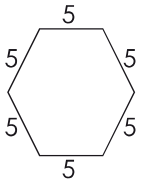
Circle: True or False

3. 53
x 3
.....

.....

4. Clare pays 60c for 12 dice. How much did each dice cost? c

5. What is the perimeter of the shape? ..... units



6. Write the next two numbers in the pattern.

15, 13, 11, ..., ...

7. 3000 + 400 + 80 + 2 = ...

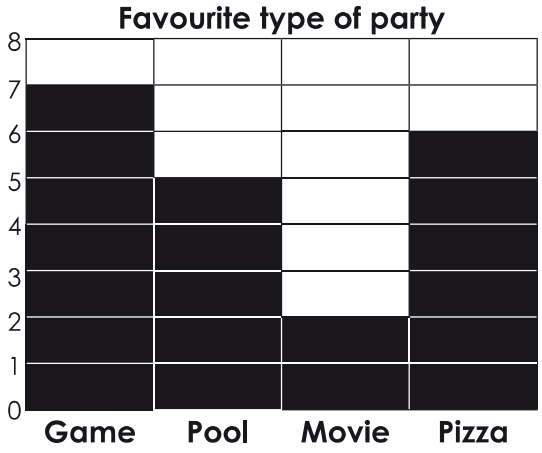
Use the bar graph to complete Questions 8 to 10.

8. Which type of party was most popular? .....

9. How many people preferred a pool party? ..... people

10. How many more people preferred a pizza party to a movie party?

..... more people



My score: ____ / 10

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

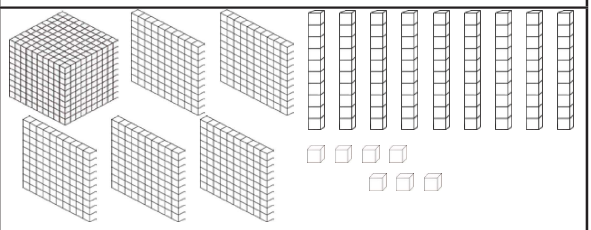
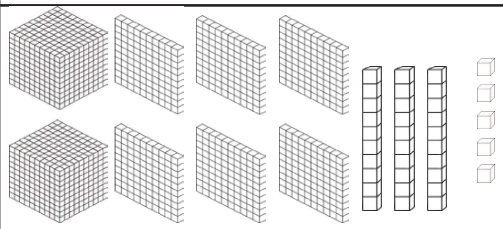
ISBN: 978-1-925686-67-8

Problem Solving Tic-Tac-Toe

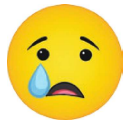
I can solve problems involving division by a one-digit number where there are remainders.

424 visitors need to ride the lift to the top of Telstra tower. Each elevator can fit 9 people. How many trips will it take to get everyone to the top?	Maddie is making cupcakes. She has 157 sugar flowers to decorate the tops of her cakes. She wants to put 8 flowers on each one. How many cupcakes can she decorate?	A school has budgeted $598 to purchase new white paper reams. If each ream costs $6, how many can the school afford to purchase?
There is a crowd of 381 people all wanting to eat at a new cafe. If each table holds 6 people, how many tables will the restaurant need to seat the crowd?	Jake has saved $782 to spend on figurines. If each figurine costs $7, how many can he afford to buy?	An ice cream shop has 803 litres of ice cream in stock. How many 5 litre tubs of ice cream can the shop produce?
Rosie's egg farm has produced 722 eggs. How many half dozen cartons can she fill?	Harry and his friends want to buy popcorn at the movies. They have $176 and each popcorn tub costs $7. How many tubs can they afford?	A party organiser needs 932 glasses of fresh orange juice. If each bottle of orange juice fills 8 glasses, how many bottles will the organiser need to buy?

Place Value to 4 Digits

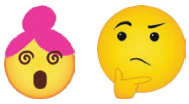
Number	Words	Expanded Form	Picture
_____	____ thousands ____ hundreds ____ tens ____ ones	1000 +500 + 90 + 7 = _____	
_____	2 thousands 5 hundreds 7 tens 3 ones	_____ + _____ + _____ + ____ = _____	
1574	____ thousands ____ hundreds ____ tens ____ ones	_____ + _____ + _____ + ____ = _____	
2635	____ thousands ____ hundreds ____ tens ____ ones	_____ + _____ + _____ + ____ = _____	
7354	____ thousands ____ hundreds ____ tens ____ ones	_____ + _____ + _____ + ____ = _____	
_____	____ thousands ____ hundreds ____ tens ____ ones	2000 + 600 + 40 + 3 = _____	
_____	5 thousands 5 hundreds 5 tens 5 ones	_____ + _____ + _____ + ____ = _____	

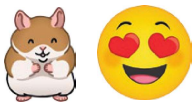
Emoji Code Breaking

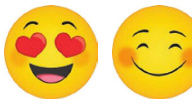
									
5	2	7	3	4	9	6	8	0	1

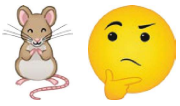
 +  = 97

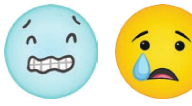
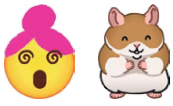
1.  +  =

2.  −  =

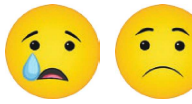
3.  −  =

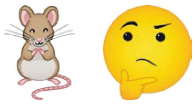
4.  +  =

5.  +  =

6.  −  =

7.  +  =

8.  −  =

9.  +  =

10.  −  =