Multiplication and Division
End-of-Strand Assessment

Name: _____ Date: _____

1. Complete all of the multiplication and division facts by filling in the missing numbers.

$7 \times 3 =$ ☐ $48 \div 12 =$ ☐

$4 \times 9 =$ ☐ $24 \div 8 =$ ☐

$11 \times 2 =$ ☐ $45 \div 5 =$ ☐

$6 \times$ ☐ $= 72$ $77 \div$ ☐ $= 11$

☐ $\times 5 = 40$ ☐ $\div 2 = 6$

2 marks

2. Four friends ride their bikes to school. Frankie rides her bike for 130m and Max rides his bike 10 times as far.

a) How far does Max ride to school?

☐ m

b) Callum rides his bike 450m to school and Hassam rides a tenth of what Callum rides.
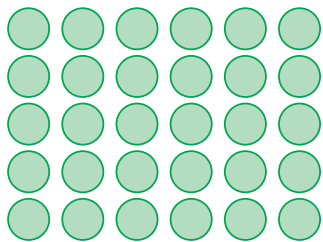
How far does Hassam ride to school?

☐ m

2 marks

3. What factor pairs do these arrays for 30 show?

☐ x ☐

☐ x ☐

☐ x ☐

☐ x ☐

☐ x ☐

☐ x ☐
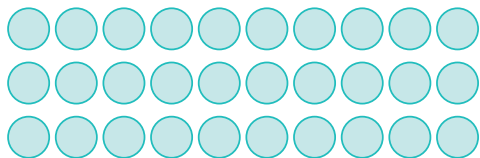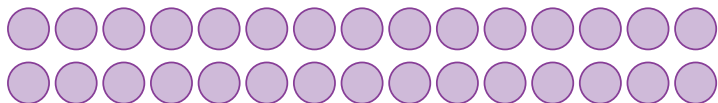
3 marks

4. Which of these two statements do you agree with?

Multiplying a whole number by another whole number always makes the number bigger.

If you multiply by 0, the product is always 0.
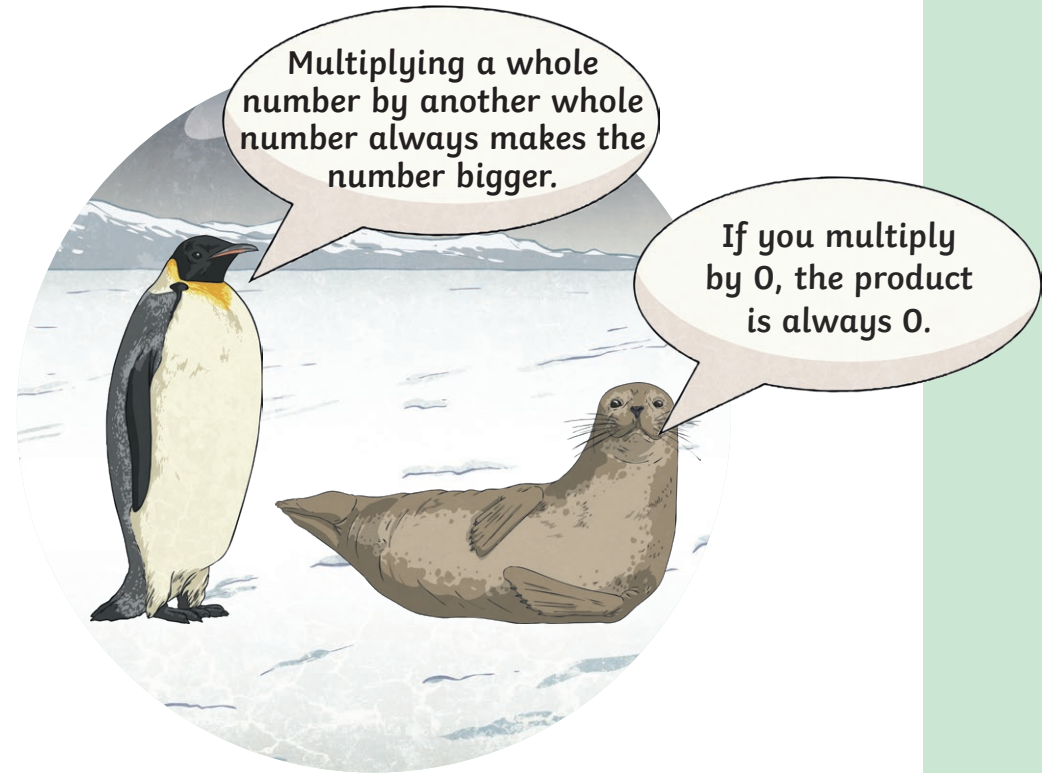
Explain why you think one of the animals is wrong. Give an example to prove it.

_____

_____

_____

_____

2 marks

5. Fill in the missing numbers so that the equations are correct.

$6 \times 6 = 5 \times 6 +$ ☐

$12 \times 9 = 10 \times 9 +$ ☐ $\times 9$

$18 \times 7 = 10 \times 7 + 8 \times$ ☐

$18 \times 7 = 9 \times 7 \times$ ☐

6. Calculate $185 \div 5$ using short division.

		☐	☐	☐
	5	1	8	5

7. Here are two ways to complete the multiplication **3 x 2 x 5.**

$3 \times 2 \times 5 = 6 \times 5 = 30$ $3 \times 2 \times 5 = 3 \times 10 = 30$

Solve each multiplication below by using two different calculations that follow the same pattern.

$3 \times 4 \times 10 = ?$

☐ or ☐

$2 \times 6 \times 9 = ?$

☐ or ☐

8. 16 pizzas are bought for a class treat.
Each pizza has 8 slices.

a) How many slices are there?

b) Every child in the class has 4 slices
each and there is no pizza left.
How many children are in the class?

Show your working below.

a)

b)

9. a) Circle the number statements that are true.

$$6 × 3 × 4 = 6 × 7$$

$$9 × 0 = 0 × 14 \qquad 1 × 87 = 86 + 1$$

$$0 × 6 + 12 = 18 \qquad 36 ÷ 1 = 1$$

$$4 × 5 × 2 = 2 × 4 × 5$$

b) Fill in the missing numbers in these number statements.

$$54 ÷ \boxed{} = 54$$

$$783 × 0 = \boxed{}$$

$$\boxed{} × 6 = 6 × 91$$

10. Complete these multiplication calculations using the short written multiplication method.

		5	8
×			9
	□	□	□

		1	6	3
×				4
		□	□	□

11. I bought 7 packs of each type of ball for a weekend of sport.

a) How many tennis balls and golf balls do I have?

b) If I lost all of the golf balls but none of the others, how many balls would I have left?

12. Use your knowledge of times table facts and of place value to multiply and divide these numbers mentally.

$60 \div 3 =$ ⬚ $40 \times 8 =$ ⬚

⬚ $\div 6 = 20$ $540 \div 90 =$ ⬚

⬚ $\times 3 = 900$ $50 \times 20 =$ ⬚

13. During the Jewish festival of Hanukkah, families give eight presents to each member of their family. To make it easier, Samuel decided to give his six family members the same gifts this year.

Day 1: chocolates (£4)
Day 2: ear warmers (£4)
Day 3: a book (£4)
Day 4: a book mark (£4)
Day 5: special socks (£4)
Day 6: a scarf (£12)
Day 7: a watch (£12)
Day 8: a sweater (£12)

a) How much did he spend on each person?
b) How much did he spend altogether?

a)

b)