Glo

# Year 4 Study Guide
# Term 2, 2025-2026

**Material for Term 2 assessments**

| Subject | Topics related | Refer to |
|---|---|---|
| Math | Topic 1 : Unit 6 Multiplication and division 2 | PowerPoint Presentation and worksheets saved in **General-Files-Assessments Topics-Math-**with the given folder name- **Unit 6 Multiplication and division 2** |
| | Topic 2: Unit 7 Length and perimeter | PowerPoint Presentation and worksheets saved in **General-Files-Assessments Topics-Math-**with the given folder name- **Unit 7 Length and perimeter** |
| | | PowerPoint Presentation and worksheets saved in **General-Files-Assessments Topics-Math-**with the given folder name - **Mental Math** |
| | | **Practice Book reference:** **Practice Book *Pages and Answer Key*** **Power Math 4B Practice book Pages- 6- 66** |

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|---|---|---|
| Subject: Math Practice Sheets | Date: | Year 4 |
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# Math Practice sheet
# Year 4
# 2025 - 2026
# Term 2

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## Multiplication and division.

### 1. Write the factor pairs for the number 10

a) ○○○○○○○○○○

☐ × ☐ = 10

☐ × ☐ = 10

### 2. Complete

a) 130 × 10 = ☐

b) ☐ × 10 = 7,900

d) ☐ ÷ 10 = 45

e) ☐ ÷ 10 = 530

### 3. Complete the calculations

a) 7 × 100 = ☐

b) 17 × 100 = ☐

e) 6,600 ÷ 100 = ☐

f) 6,700 ÷ 100 = ☐

### 4. Complete the number sentences.

a) 4 × 6 + 3 × 6 = ☐ × 6

b) 7 × 5 + 3 × 5 = ☐ × 5

d) 5 × 2 + 1 × 2 = ☐ × 2

e) 4 × 2 + 2 × 5 = ☐ × 2

### 5. Fill in the missing numbers.

a)

| | H | T | O | |
|---|---|---|---|---|
| | | 5 | 3 | |
| × | | | 6 | |
| | | | | |
| | | | | |

b)

| | H | T | O | |
|---|---|---|---|---|
| | | 4 | 7 | |
| × | | | 3 | |
| | | | | |
| | | | | |

c)

| | H | T | O | |
|---|---|---|---|---|
| | | 2 | 9 | |
| × | | | 4 | |
| | | | | |
| | | | | |

d)

| | H | T | O | |
|---|---|---|---|---|
| | | 2 | 2 | |
| × | | | 8 | |
| | | | | |
| | | | | |

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## 6. Complete the multiplications.

a)

| | | H | T | O | |
|---|---|---|---|---|---|
| | | 2 | 1 | 3 | |
| | × | | | 4 | |
| | | | | | |
| | | | | | |

b)

| | | H | T | O | |
|---|---|---|---|---|---|
| | | 1 | 1 | 4 | |
| | × | | | 5 | |
| | | | | | |
| | | | | | |

c)

| | | H | T | O | |
|---|---|---|---|---|---|
| | | 1 | 1 | 5 | |
| | × | | | 4 | |
| | | | | | |
| | | | | | |

d)

| | | H | T | O | |
|---|---|---|---|---|---|
| | | 1 | 4 | 8 | |
| | × | | | 3 | |
| | | | | | |
| | | | | | |

e)

| | | Th | H | T | O | |
|---|---|---|---|---|---|---|
| | | | 2 | 5 | 2 | |
| | × | | | | 7 | |
| | | | | | | |
| | | | | | | |

f)

| | | Th | H | T | O | |
|---|---|---|---|---|---|---|
| | | | 3 | 1 | 8 | |
| | × | | | | 6 | |
| | | | | | | |
| | | | | | | |

## 7. Work out the answers to these divisions.

a) 46 ÷ 2 = ☐

b) 48 ÷ 4 = ☐

c) 77 ÷ 7 = ☐

d) 93 ÷ 3 = ☐

## 8. Complete the equivalent distances.

a) 6 km = ☐ m

b) $4\frac{1}{2}$ km = ☐ m

c) ☐ km = 8,000 m

d) ☐ km = 7,500 m

e) 3,700 m = ☐ km and ☐ m

f) 4 km and 200 m = ☐ m

g) 7 km and 375 m = ☐ m

h) 6,050 m = ☐ km and ☐ m

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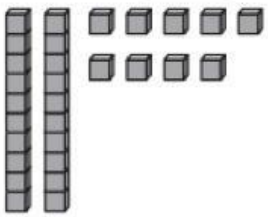
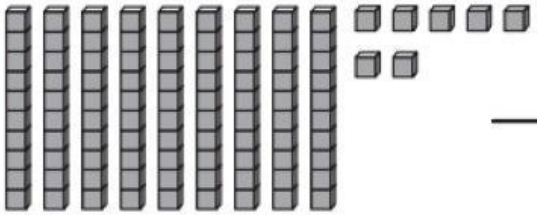
## 9. Use base 10 equipment to help you work out these divisions.

a) 29 ÷ 2 = ☐ r ☐



→

b) 97 ÷ 3 = ☐ r ☐



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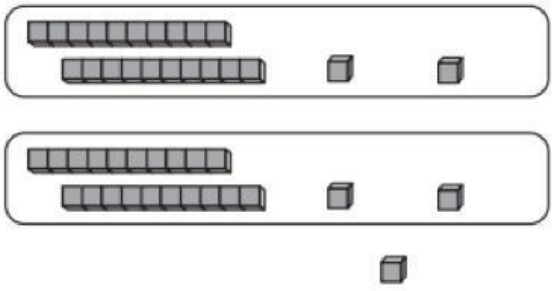
What calculation is shown in the diagram?



The diagram shows 45 ÷ ☐ = ☐ remainder ☐.

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## 10. Find the answers to the following calculations.

You can use base 10 equipment or counters to help.

a) 41 ÷ 4 = ☐ r ☐

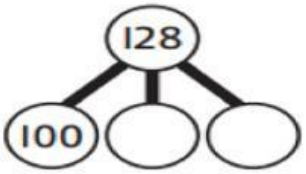
d) 89 ÷ 4 = ☐ r ☐

b) 59 ÷ 5 = ☐ r ☐

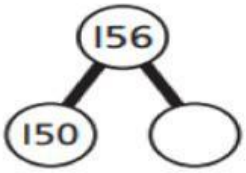
e) 62 ÷ 6 = ☐ r ☐

## 11. Complete the part-whole models and then complete the divisions.

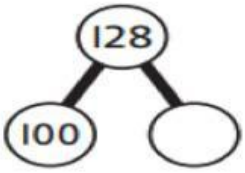
a) 128 ÷ 2 = ☐



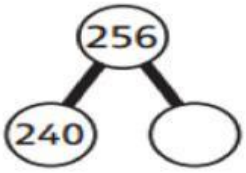

c) 156 ÷ 3 = ☐




b) 128 ÷ 2 = ☐




d) 256 ÷ 4 = ☐

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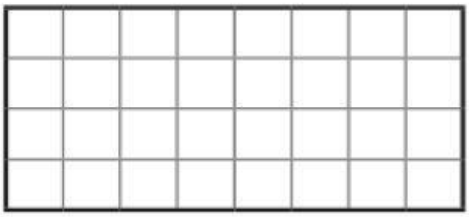
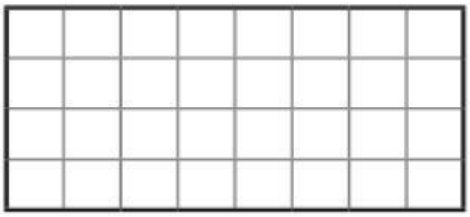
## 12. Find answers to the following calculations.

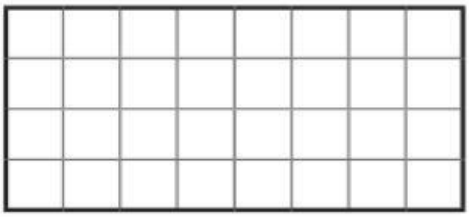
a) 185 ÷ 5 = ☐



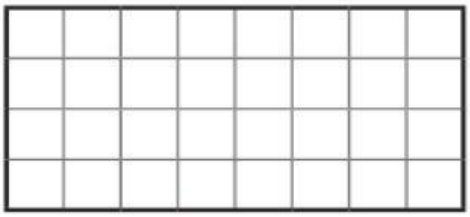
c) 312 ÷ 2 = ☐



b) 264 ÷ 6 = ☐

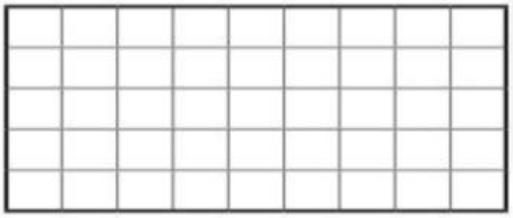


d) 372 ÷ 3 = ☐



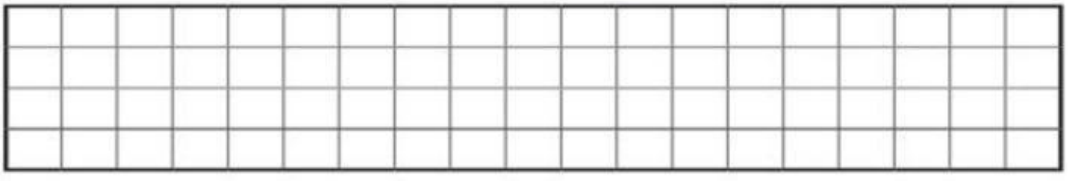
## 13. Solve the following multiplication word problems.

Emma cuts 7 pieces of ribbon.
Each piece of ribbon is 23 cm long.
How much ribbon does she have?
Emma uses ☐ cm of ribbon.



The distance from Nottingham to Lancaster is 224 km.
Holly makes this journey 3 times.

a) How many kilometres does Holly travel?



Holly travels ☐ km.

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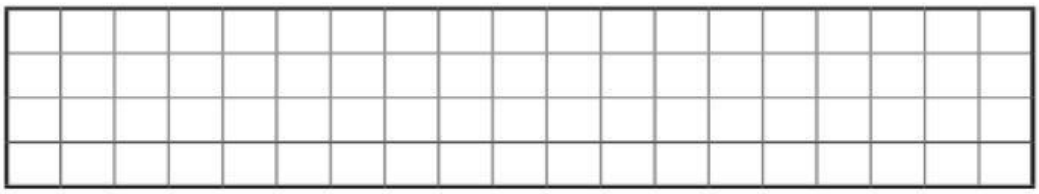
## 14. Solve the following multiplication word problem.

**b)** It costs Holly 9p per kilometre to drive her car.

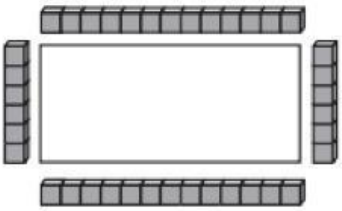
How much does it cost in total for the 3 journeys?



It costs ☐ p in total for the 3 journeys.

## 15. Find the perimeter for the following rectangles.

Liam draws a rectangle. He uses cubes to measure the length of each side. Each cube is 1 cm long.

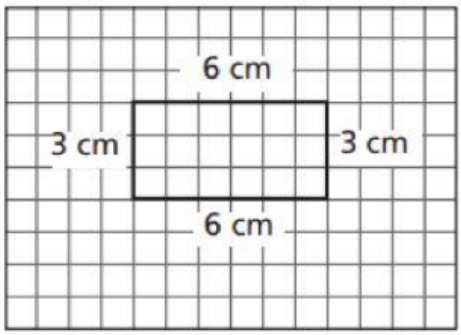


What is the perimeter of the rectangle?

☐ + ☐ + ☐ + ☐ = ☐ cm

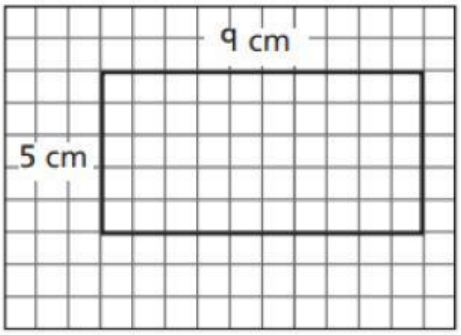
Find the perimeters of these rectangles.

**a)**




☐ cm

**c)**




☐ cm

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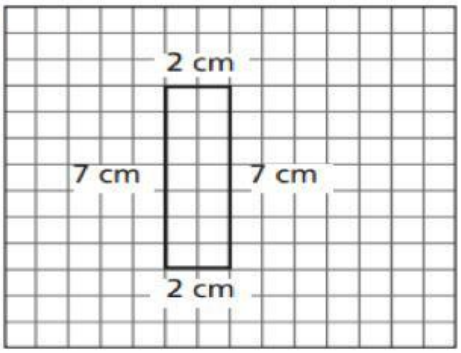
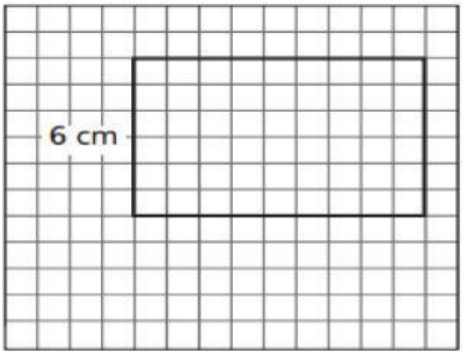
b)




☐ cm

d)




☐ cm

## 16. Choose the correct answer for the following sums.

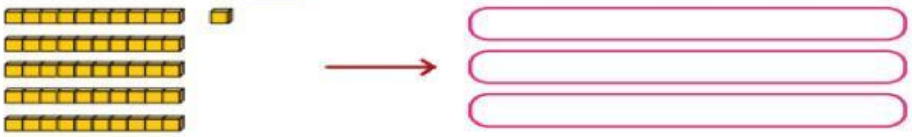
1. What numbers are not factor pairs of 30?

A 1 and 30 B 2 and 12 C 5 and 6 D 3 and 10

2. What is 42 × 10?

A 420 B 4,200 C 402 D 52

3. Work out 51 ÷ 3 = ☐



A 14 B 17 C 54 D 153

4. What is 700 × 5?

A 3,500 B 350 C 35 D 57

5. a) What digit should replace ★?

| | H | T | O |
|---|---|---|---|
| | | 3 | 3 |
| × | | | 5 |
| | 1 | ★ | 5 |
| | | | |

A 0 B 1 C 6 D 8

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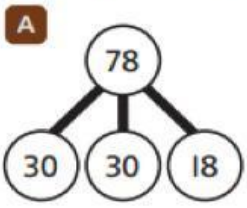
**6** Find the answer to this calculation.

$5 \times 7 \times 9 \times 2$

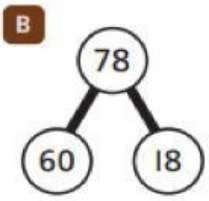
A 23 B 35 C 315 D 630

**7** Which part-whole model does not help you to work out $78 \div 3$?

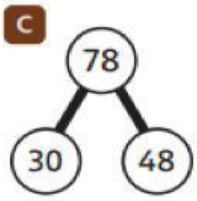
A



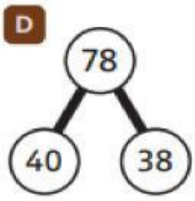

B




C




D




**8** There are 6 eggs in a box.

Mo has 11 boxes of eggs. Alex has 7 boxes of eggs. How many eggs do they have altogether?

A 17 B 66 C 42 D 108

**9** Danny is on holiday. He has 5 T-shirts and 4 pairs of shorts. How many different ways can Danny choose what to wear?

A 20 B 9 C 12 D 16

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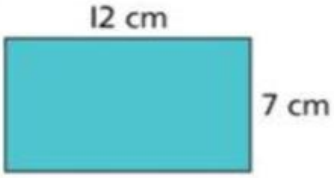
## 17. Choose the correct answer for the following sums.

1. What is $2\frac{1}{2}$ km in metres?

A $2\frac{1}{2}$ m  B $2{,}000\frac{1}{2}$ m  C 2,500 m  D 250 m

2. What is the perimeter of this rectangle?



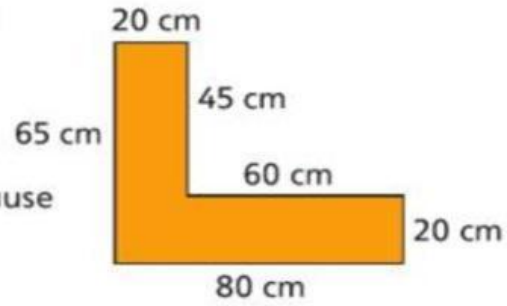

A 48 cm  B 19 cm  C 84 cm  D 38 cm

3. Which of these shapes has a perimeter of 20 cm?

A Square with length 5 cm.
B Rectangle with length 10 cm and width 2 cm.
C Square with length 10 cm.
D Rectangle with length 12 cm and width 8 cm.

4. Calculate the perimeter of this shape.

A 185 cm
B 290 cm
C It does not have a perimeter because it is not a square or a rectangle.
D 280 cm

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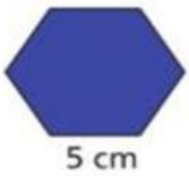
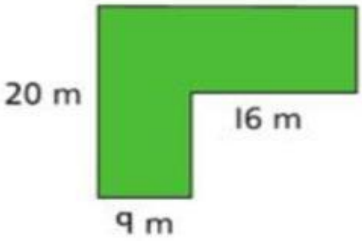
**5** What is the perimeter of this regular hexagon?




A 30 cm
B 36 cm
C 12 cm
D 60 cm

**6** What length of fence does a farmer need to go around this field?




A 45 m
B 90 m
C 65 m
D He needs three more measurements to work out the perimeter.

**7** Sam has some 10 cm pencils. He uses them to make the perimeter of a shape. Which of these shapes is not possible?

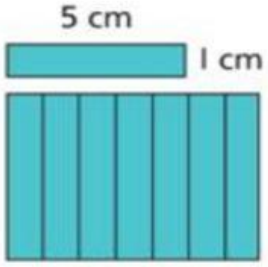
A Perimeter = 60 cm
B Perimeter = 40 cm
C Perimeter = 20 cm
D Perimeter = 100 cm

**8** Jessica has some rectangular coloured tiles.

They are 5 cm long and 1 cm wide.

She puts 7 tiles together to make a large rectangle.

What is the perimeter of the large rectangle?




The perimeter is ☐ cm.

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# THINK OUT OF THE BOX

**Remember...**

Metres to kilometres = Divide by 1000
Kilometres to metres = Multiply by 1000

1. Which item do you think is closest in width to 1 metre?
   A chair. A book. A door.

2. Which of the following is most likely to be measured in kilometres?
   The length of a table. The distance from one country to another.
   The height of a wardrobe.

3. The distance from America to the United Kingdom is 6826 kilometres. The distance from Florida to Lakeland is 78,000km. Which is the bigger distance?

_____

LO: ☐ Excellent! ☐ Very good! ☐ Good job! ☐ Revise



LIVEWORKSHEETS

| Name: | | Term 2 (2025/26) |
|---|---|---|
| Subject: Math Practice Sheets | Date: | Year 4 |
| L.O – I can apply knowledge to complete tasks. | | |

## MENTAL MATH QUESTIONS

| | | |
|---|---|---|
| 1. | What is 2x5x3? | |
| 2. | What is 100+ 265 ? | |
| 3. | What is 20 divided by 5? | |
| 4. | How many eyes do 5 people have? | |
| 5. | To measure perimeter we should add all the sides. True or False? | |
| 6. | Write eight thousand and one in numbers. | |
| 7. | What is 9X8? | |
| 8. | How many grams are in 1 kilogram. | |
| 9. | What is one hundred times seven? | |
| 10. | How many grams are in a half kilograms? | |

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## MENTAL MATH QUESTIONS

(Each 1 mark)

| | | |
|---|---|---|
| 1. | 200+60+5=? | |
| 2. | 2x 6 = | |
| 3. | Half of 40 is? | |
| 4. | What is 8 x 10? | |
| 5. | Which shape has all 4 sides equal? | |
| 6. | Write the number six thousand and twenty in numbers. | |
| 7. | What is 3X5X2? | |
| 8. | What is 30 divided by 3? | |
| 9. | Perimeter is the space outside a shape. True or false | |
| 10. | 49 ÷ 7 = | |

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