

Mid-Year Revision

Section A

Choose the correct answer.

Write the correct answer – (1), (2), (3) or (4) – in the brackets to the right.

1 What is $900\,000 + 7000 + 5 + 600$?

- (1) 975 600
- (2) 970 605
- (3) 907 605
- (4) 900 765

(3)

2 In 384 659, what is the value of the digit 3?

- (1) 3 thousands
- (2) 30 thousands
- (3) 300 thousands
- (4) 3 millions

(3)

3 Study the number pattern.

650 321, 670 521, 690 721, , 731 121

What is the missing number?

- (1) 690 921
- (2) 700 921
- (3) 710 321
- (4) 710 921

(4)

4 What is the difference between the two values of the digit 5 in 156 950?

- (1) 49 950
- (2) 49 995
- (3) 499 950
- (4) 499 995

(1)

5 423 700 is 30 000 more than 393 700.

- (1) 123 700
- (2) 393 700
- (3) 420 700
- (4) 453 700

(2)

6 Which of the following is not an equivalent fraction of $\frac{2}{5}$?

- (1) $\frac{4}{10}$
- (2) $\frac{12}{20}$
- (3) $\frac{16}{40}$
- (4) $\frac{40}{100}$

(2)

7 Which of the following shows the product of prime numbers for 90?

- (1) 9×10
- (2) $2 \times 5 \times 9$
- (3) $2 \times 3^2 \times 5$
- (4) $2^2 \times 3 \times 5$

(3)

8 Which of the following does not have the same value as $2\frac{1}{4} \times 3$?

(1) $6 + \frac{3}{4}$

(2) $2\frac{1}{4} + 2\frac{1}{4} + 2\frac{1}{4}$

(3) $\frac{9}{4} \times 3$

(4) $3\frac{1}{4} \times 2$

(4)

9 Mr Smith won £2000 in a writing competition. He donated £50 to charity and shared the rest equally with his wife and four children. How much did each of them receive?

(1) £325

(2) £333

(3) £390

(4) £400

(1)

10 The population of Edinburgh is 486 120, which is 106 700 less than Glasgow. What is the population of Glasgow?

(1) 378 520

(2) 379 420

(3) 574 820

(4) 592 820

(4)

CHALLENGE



Create four 4-digit numbers to fit the following rules:

- The tens digit is 3
- The hundreds digit is two more than the ones digit
- The four digits have a total of 12

Use the clues to find the missing digits.

□	□	□	□
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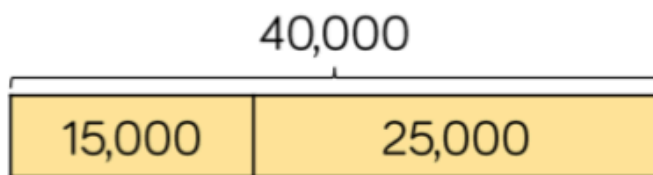
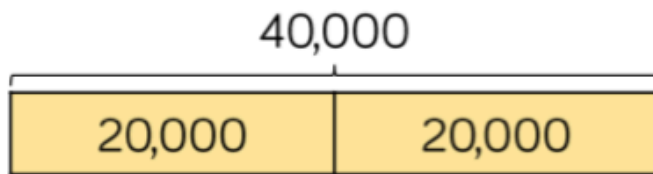
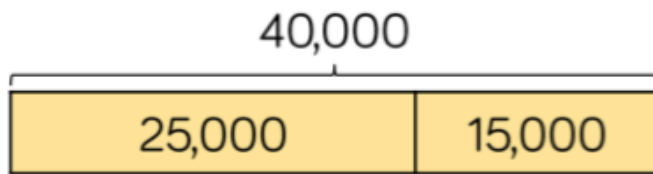
The thousands and tens digit multiply together to make 36

The hundreds and tens digit have a digit total of 9

The ones digit is double the thousands digit.

The whole number has a digit total of 21

The bar models are showing a pattern.



Draw the next three.

Create your own pattern of bar models for a partner to continue.

A whole number is rounded to 370
What could the number be?
Write down all the possible answers.

370

Two different two-digit numbers both round to 40 when rounded to the nearest 10

The sum of the two numbers is 79

What could the two numbers be?

Is there more than one possibility?

Answers Below:

Create four 4-digit numbers to fit the following rules:

- The tens digit is 3
- The hundreds digit is two more than the ones digit
- The four digits have a total of 12

Possible answers:

3,432

5,331

1,533

7,230

Use the clues to find the missing digits.



The thousands and tens digit multiply together to make 36

The hundreds and tens digit have a digit total of 9

The ones digit is double the thousands digit.

The whole number has a digit total of 21

4,098

A whole number is rounded to 370
 What could the number be?
 Write down all the possible answers.

370

- 365
- 366
- 367
- 368
- 369
- 370
- 371
- 372
- 373
- 374

Two different two-digit numbers both round to 40 when rounded to the nearest 10

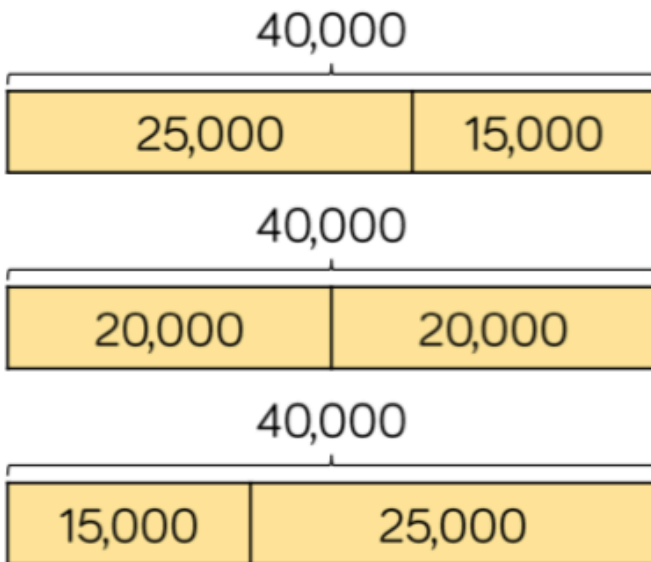
The sum of the two numbers is 79

What could the two numbers be?

Is there more than one possibility?

- $35 + 44 = 79$
- $36 + 43 = 79$
- $37 + 42 = 79$
- $38 + 41 = 79$
- $39 + 40 = 79$

The bar models are showing a pattern.



Draw the next three.

Create your own pattern of bar models for a partner to continue.

