

Practice questions

- 1 The sum of 4 079 and 217 is
(A) 4 286
(B) 4 306
(C) 4 296
- 2 Which of the following statements is true?
(A) $10 + 12 > 8 + 14$
(B) $13 + 12 < 18 + 8$
(C) $16 + 13 > 11 + 19$
- 3 The difference between two numbers is 75. The smaller number is 244. What is the larger number?
(A) 169
(B) 319
(C) 309
- 4 The difference between 252 and 161 is?
(A) 101
(B) 89
(C) 91
- 5 The difference between two numbers is 73. The larger number is 109. What is the smaller number?
(A) 36
(B) 182
(C) 46
- 7 What is the product of 250 and 5?
(A) 50
(B) 1 250
(C) 255
- 8 A number is divided by 7. The answer is 41. What was the number?
(A) 273
(B) 34
(C) 287
- 9 If 175×20 is 3 500, what is the value of 1.75×20 ?
(A) 35 000
(B) 350
(C) 35
- 10 The quotient of 459 and 9 is
(A) 50
(B) 49
(C) 51
- 11 Two numbers when multiplied together equal 720. One of the numbers is 60. What is the other number?
(A) 12
(B) 60
(C) 120

Question 6 refers to the following calculation with a missing number.

$$5.8 - \square = 3.0$$

- 6 What is the missing number?
(A) 2.8
(B) 2.0
(C) 3.8

Question 12 refers to the following calculation with a missing number.

$$\square \times 12 = 300$$

- 12 What is the missing number?
(A) 20
(B) 25
(C) 30

- 1 (A) (B) (C)
2 (A) (B) (C)
3 (A) (B) (C)
4 (A) (B) (C)

- 5 (A) (B) (C)
6 (A) (B) (C)
7 (A) (B) (C)
8 (A) (B) (C)

- 9 (A) (B) (C)
10 (A) (B) (C)
11 (A) (B) (C)
12 (A) (B) (C)

- 13** Lucas has 26 books. His sister has three times as many books as him. How many books does his sister have?

(A) 78
(B) 72
(C) 68

- 14** A swimming pool contains 375 000 litres of water. There is a leak and 193 000 litres escape. How much water is left in the pool?

(A) 108 000 litres
(B) 175 000 litres
(C) 182 000 litres

- 15** A pop singer performs two shows. There are 12 032 people in the crowd on Saturday and 10 581 people on Sunday. How many people went to the show altogether?

(A) 21 413
(B) 22 513
(C) 22 613

- 16** A shop sells lengths of rope that are 5.27 m long. Devon buys 3 lengths of rope. How long are the ropes when they are laid end to end?

(A) 16.01 m
(B) 15.91 m
(C) 15.81 m

- 17** Sheryl bakes 174 cupcakes. She shares them equally between 6 classes of children at school. How many cupcakes does each class get?

(A) 58
(B) 29
(C) 31

- 18** A supermarket receives a delivery of 980 spiced buns in the morning. 751 buns are

sold during the day and another delivery of 331 buns arrives. How many buns are there at the end of the day?

(A) 560
(B) 450
(C) 1 400

Question **19** refers to the following pictures.



Hat: \$16



Sunglasses: \$12

- 19** George buys 4 hats and 3 pairs of sunglasses. How much does he spend altogether?

(A) \$96
(B) \$100
(C) \$112

- 20** Joyce has three bags of sweets. Each bag contains 55 sweets. She gives away 39 sweets. How many sweets does she have left?

(A) 181
(B) 111
(C) 126

- 21** Harriet has 45 hens. She buys 31 more. She then divides them into four equal groups. How many hens are in each group?

(A) 19
(B) 21
(C) 17

- 22** A pen costs \$0.08. A box of pens contains 8 pens. How much does 10 boxes of pens cost?

(A) \$6.40
(B) \$64
(C) \$8.00

13 (A) (B) (C)
14 (A) (B) (C)
15 (A) (B) (C)
16 (A) (B) (C)

17 (A) (B) (C)
18 (A) (B) (C)
19 (A) (B) (C)
20 (A) (B) (C)

21 (A) (B) (C)
22 (A) (B) (C)

How did I do?

A Now check the answers to the practice questions on page 116.

If you got **9 or fewer**, you need to work much harder on your revision in most areas.

If you got **more than 9 but less than 18** questions correct, you need to identify which areas and types of questions you are weakest on and do more revision and practice in those areas.

If you got **18 or more** questions correct, you are ready to move on to the next topic, but you can still improve your score by checking which areas and types of questions you were weakest on.

B Use the table below to identify topics and question types you need to revise.

Sub-topic	Topic area	Question numbers
Calculation	Addition	1-3
	Subtraction	4-6
	Multiplication	7-9
	Division	10-12
Problem solving	One-step problems	13-17
	Two-step problems	18-22

Notes

- **Questions involving calculations** (Questions 1-12): first, work out the operation you need to use ($+$, $-$, \times or \div). Next, do an estimate. Next, use mental and written strategies to calculate. Check your estimate.
- **Questions involving addition or subtraction calculations** (Questions 1-6): you can also check your answer by doing the inverse operation. For example, if you added, check by subtracting and vice versa.
- **Questions involving multiplication or division calculations** (Questions 7-12): you can also check your answer by doing the inverse operation. For example, if you multiplied, check by dividing and vice versa.
- **Questions with word problems that involve one calculation** (Questions 13-17): first, identify the two key numbers in the question. Next work out the operation you need to use ($+$, $-$, \times or \div). Estimate the answer, calculate it and then check your answer by looking back at your estimate or by doing the inverse calculation.
- **Questions with word problems that involve more than one calculation.** (Questions 18-22): first, identify the key numbers in the question. Next work out the operations you need to use ($+$, $-$, \times or \div) and the order you should do them. Estimate the answer, calculate it and then check your answer by looking back at your estimate or by doing the inverse calculation.

C Complete the How did I do? table

How did I do? Calculation: addition, subtraction, multiplication, division	
Date I completed the test	
Total score	
Types of questions I found easy	
Types of questions I found difficult	
How can I improve?	