

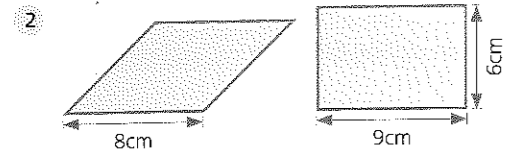
PROGRESS TEST 2

Schofield & Sims

Write the numbers 1 to 20 down the side of a piece of paper.
Write alongside these numbers the **answers only** to the following questions.
Work as quickly as you can. Time allowed – **10 minutes**.

1 $\frac{3720}{8} =$

..... 465



By how many centimetres is the perimeter of the rhombus greater than the perimeter of the rectangle?

..... 2cm

3 Add 145 000 to 1.7 million. Answer in digits.

..... 1 845 000

4 How many 125mm lengths can be cut from 2.5m?

..... 20

5 $30 - 5 \times 4 + 7 =$

..... 17

6 How many days inclusive from 20 April to 2 June?

..... 44 days

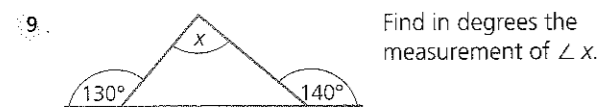
7 Tariq travels from A to B in 1h. If he travels at the same average speed, how many minutes will it take him to travel from B to C?

..... 50min



8 Write the larger amount when £144 is divided in the ratio 3:5.

..... £90



Find in degrees the measurement of $\angle x$.

..... 90°

10 In a sale, a table costing €625 was reduced by 20%. Find how much it was reduced by.

..... €125

11 Isobel received £674.20 for four weeks' work. Find to the nearest £ the average weekly wage.

..... £169

12 10 doughnuts cost £5.65. Find the cost of eight.

..... £4.52

13 Three eggs in a box of 150 eggs were broken. What percentage of the eggs was broken?

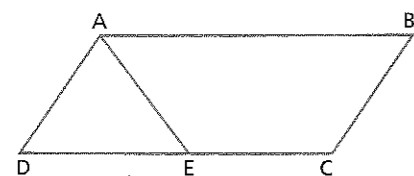
..... 2%

14 The mass of a tin of chickpeas is 439g. Find to the nearest kilogram the total mass of 20 tins.

..... 9kg

15 The figure ABCD is a parallelogram. The triangle AED is an equilateral triangle. By how many degrees is $\angle C$ greater than $\angle B$?

..... 60°



16 A map is drawn to a scale of 1:250. What distance in metres does a line 100mm long represent?

..... 25m

17 7kg of sugar are used in 6 weeks. Write in kilograms correct to the first decimal place the average amount used each week.

..... 1.2kg

18 Find the cost of 2kg 100g at 45p per $\frac{1}{2}$ kg.

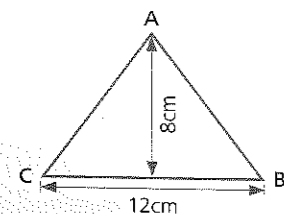
..... £1.89

19 The marks scored in two tests were $\frac{40}{50}$ and $\frac{18}{20}$. Find as a percentage the average score.

..... 85%

20 By how many cm^3 is the area of the triangle ABC greater than a triangle on the same base but half the height?

..... 24cm^2



Mental Arithmetic 5 Answers

PROGRESS TEST 2 | Results Chart

You will work through Progress Test 2 at **four** different times – once at the end of Section 2, then again after you have completed each of Section 3 Test 4, Test 8 and Test 12.

When you first complete the test:

- a colour the first column to show the number of answers correct out of 20
- b enter the date.

Each time you take the test, enter the result and the date in the marked columns.

	1st	2nd	3rd	4th
20				
19				
18				
17				
16				
15				
14				
13				
12				
11				
10				
9				
8				
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date				