

Grade 3 measurement test

NAME	DATE	SCORE / 8
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Answer each question. Show your work.

1

A rectangle is 10 m long and 4 m wide. What is the perimeter of the rectangle?

2

Reading time starts at 7:03 p.m. and ends at 7:29 p.m. How many minutes does reading time last?

3

A pear balances weights of 100 g and 50 g. Find the mass of the pear.

☐ 150 kilograms
☐ 100 grams
☐ 150 grams

4

A rectangle has an area of 18 square metres. One side is 6 metres long. How many metres long is the other side?

5

The scale below measures mass in grams. Only some marks have numbers. What value does point A show?



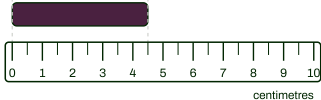
6

Leo says that rectangles with the same perimeter always have the same area. Which pair of rectangles shows that Leo is wrong?

☐ 4 cm by 5 cm and 2 cm by 10 cm
☐ 3 cm by 6 cm and 6 cm by 3 cm
☐ 3 cm by 9 cm and 4 cm by 7 cm
☐ 8 cm by 9 cm and 7 cm by 10 cm

7

A bar is measured on the ruler below. How many centimetres long is the bar, to the nearest half centimetre?



8

The clock below shows a time. What time does the clock show, to the nearest minute?



Grade 3 measurement test · Grade 3

Page 1 of 3

Grade 3 measurement test

NAME	DATE	SCORE / 4
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Answer each question. Show your work.

9

A rectangle is shown below. What is the area, in square units, of the rectangle?

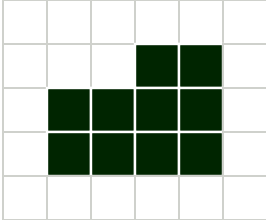


8

5

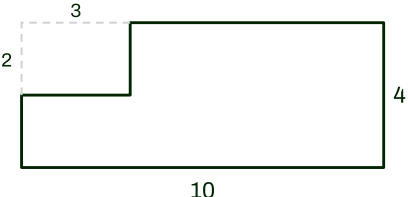
10

Each small square in the grid below is 1 square unit. How many square units cover the shaded shape?



11

The shape below is made of two rectangles. Lengths are in metres. What is the area, in square metres, of the shape?



12

The thermometer below shows the temperature outside. What temperature does the thermometer show, in degrees Celsius?



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1	28	2	26	3	150 grams
4	3	5	20	6	8 cm by 9 cm and 7 cm by 10 cm
7	$4\frac{1}{2}$	8	4:06	9	40
10	10	11	34	12	-4