

Approach: One to one Level: Year 4 and year 8

Focus: Understanding a variety of measurements.

Resources: None.

Questions/instructions:

camp 2 hrs 50 min waterfall 3 hrs 40 min cave

1. The map shows the travel times between places on a bush walk. If John and Kate leave the camp at 9.00 a.m. and stop for 20 minutes at the waterfall, about what time will they arrive at the cave?

A 2:00 p.m.

B 3:00 p.m.

C 4:00 p.m.

2001 ('97) year 4

2001 ('97) year 8

• 51 (55)

2. I get out of bed at 7.45 a.m. I take 3 minutes to get dressed, 15 minutes for breakfast, and 8 minutes to get to school. What time do I get to school?

8.11 with or without "am"

• 63 (62)

3. How many hours are equal to 150 minutes?

A 1 $\frac{1}{2}$

B 2 $\frac{1}{4}$

C 2 $\frac{1}{2}$

D 3

2001 ('97) year 4

2001 ('97) year 8

• 30 (24) 56 (56)

4. The area of the triangle is

is one square unit

A 6 square units

B 9 square units

C 12 square units

D 42 square units

2001 ('97) year 4

2001 ('97) year 8

• 26 (•) 50 (52)

5. If the area of the shaded triangle shown here is 4 square centimetres, what is the area of the entire square?

A 4 square centimetres

B 8 square centimetres

C 12 square centimetres

D 16 square centimetres

E Not sure

2001 ('97) year 4

2001 ('97) year 8

• 32 (29)

6. What is the area of the square?

3cm

9cm²

9

with incorrect or no unit

2001 ('97) year 4

2001 ('97) year 8

• 0 (•) 27 (26)

• 3 (•) 15 (16)

0 1 2 3 4 5 6 7 8 9 10 cm

7. What is the reading on this scale?

3.2 with or without "cm"

2001 ('97) year 4

2001 ('97) year 8

• 32 (28)

• 51 (•)

8. The radius of the circle is 5. What is the perimeter of the square?

A 10

B 20

C 40

D 25π

2001 ('97) year 4

2001 ('97) year 8

• 23 (•)

9. The time is 7.25a.m. I take 15 minutes for breakfast, 3 minutes to get dressed and 8 minutes to get to school. What time do I get to school?

7.51 with or without "am"

29 (21)

•

10. Which unit would you use to measure the length of a pencil?

A centimetres

B metres

C kilometres

2001 ('97) year 4

2001 ('97) year 8

• 88 (84)

11. About how far could you walk in one day?

A centimetres

B metres

C kilometres

2001 ('97) year 4

2001 ('97) year 8

• 57 (69)

12. The height of a person is about:

A 2 metres

B 20 metres

C 200 metres

D 2000 metres

2001 ('97) year 4

2001 ('97) year 8

• 56 (52)

13. About how long is a bed?

A 10 cm

B 100 cm

C 200 cm

D 500cm

2001 ('97) year 4

2001 ('97) year 8

• 32 (29)

14. What is the most likely weight of a pencil?

A 5 grams

B 5 kilograms

C 5 litres

D 5 centimetres

2001 ('97) year 4

2001 ('97) year 8

• 59 (57)