4 What's the next number in the pattern?
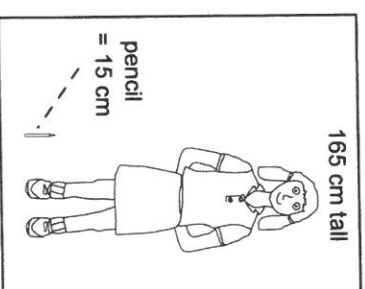
2.75, 8.25, 24.75,

[   ]

5 Each pencil is 15 cm in length.
Cara is 165 cm tall.

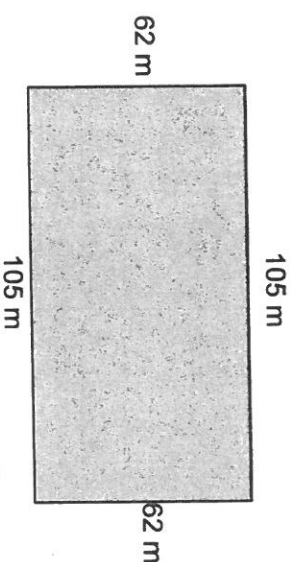How many pencils placed end to end are needed to equal Cara's height?

○ 10 ○ 11 ○ 12 ○ 13

pencil = 15 cm

165 cm tall

6 These are the dimensions of Carol's farm.

62 m

105 m

105 m

62 m

To build a fence around the entire farm will cost $35 per metre.
How much will it cost to fence the entire farm?

○ $11,000 ○ $11,290 ○ $11,690 ○ $12,450

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1 Taylor saw a motorbike selling for $750.
The sales person offered Taylor a 10% discount (10% off the normal price), which Taylor accepted.
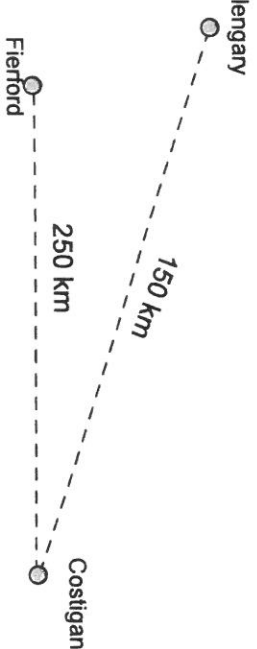How much did Taylor pay for the motorbike?

○ $700 ○ $675 ○ $650 ○ $625

2 Alan bought 3 balls for $39.90.
How much would 5 balls cost?

$ [   ]

3 Amie drove from Glengary to Fierford, via Costigan.
The journey took her 5 hours.

Glengary

Fierford

150 km

250 km

Costigan

What was Amie's average speed?

○ 60 km/h ○ 65 km/h ○ 70 km/h ○ 80 km/h

7

$$63 \times \frac{2}{3} = \boxed{}$$

8 The distance on the map from Maryford to Castletown is 15 cm.

Maryford

Castleford

SCALE : 1 cm = 10 km
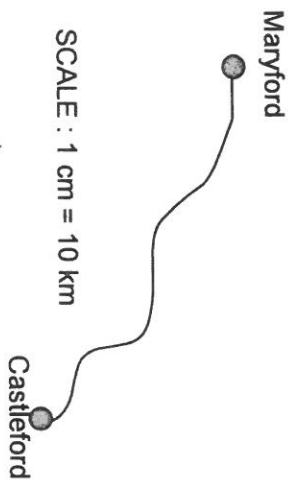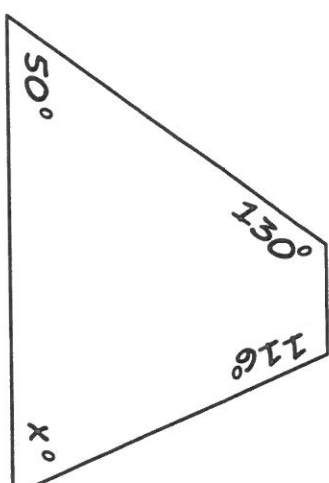
Travelling at an average speed of 25 km/h, how long will it take to drive from Maryford to Castletown?

○ 6 hours   ○ 7 hours   ○ 8 hours   ○ 9 hours

9 Find the value of angle x.

50°   130°   116°   x°

10 CLASS A:
A class of 28 students.
The average score for the end of year exam was 73%.

CLASS B:
A class of 29 students
The average score for the end of year exam was 78%.

What was the average score, for the end of year exam, for Class A and Class B combined? (rounded to one decimal place)

○ 79.4   ○ 73.8   ○ 75.5   ○ 76.2

------- END -------