

Maths

Estimating answers

Miss Parnham



Estimating answers

1. Estimate each answer.

a) $356 + 789$

b) $10305 - 1987$

c) $\frac{356 + 789}{3.89}$

d) $\frac{32 \times 29}{1.7}$

e) $\frac{47^2 - 478}{0.47}$

2. Work out an estimate to the following.

a) $\frac{7}{10}$ of £136

b) 30% of 2340 kg

c) 18.9% of 15604 miles

d) $\sqrt{109.4}$

e) $\frac{3}{11}$ of £423



Estimating answers

3. Carpet costs £23.45 per square metre.

The area of the room is 27.85 m^2 .

Estimate the cost of the carpet needed for this room.

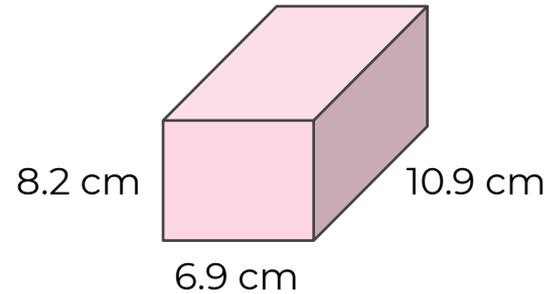
4. In a school there are 1876 students.

A coach can carry 47 passengers.

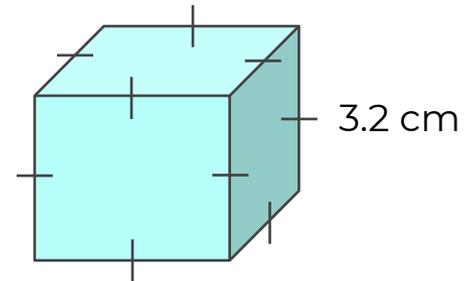
Estimate how many coaches are needed to take them all on a trip.

5. Estimate the volume of the shapes.

a)



b)



Answers



Estimating answers

1. Estimate each answer.

a) $356 + 789$ **1200**

b) $10305 - 1987$ **8000**

c) $\frac{356 + 789}{3.89}$ **300**

d) $\frac{32 \times 29}{1.7}$ **450**

e) $\frac{472 - 478}{0.47}$ **4000**

2. Workout an estimate to the following.

a) $\frac{7}{10}$ of £136 **£70**

b) 30% of 2340 kg **600 kg**

c) 18.9% of 15604 miles **4000 miles**

d) $\sqrt{109.4}$ **10**

e) $\frac{3}{11}$ of £423 **£120**



Estimating answers

3. Carpet costs £23.45 per square metre.

The area of the room is 27.85 m^2 .
Estimate the cost of the carpet needed for this room.

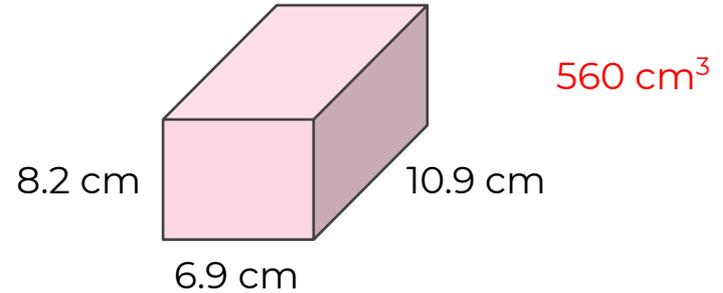
£600

4. In a school there are 1876 students.
A coach can carry 47 passengers.
Estimate how many coaches are needed to take them all on a trip

40 coaches

5. Estimate the volume of the shapes.

a)



b)

