

#1

If Isabella has made a big batch of spaghetti and wants to put it in containers for lunches. If she made 900 servings and would like to have 30 servings for each lunch, how many lunches will she have?

lunches

Show your work

#2

Choose the best answer

A coffee shop is interested on saving money by ordering cream more accurately to avoid it spoiling. Over the last week they collected data and found that they used 1200 pitchers of cream for 40 customers. What is the average cream per customer?

28

33

30

34

Show your work

#3

An architect is measuring out how many rooms they can put in their latest project. There is a total of 300 square feet, and they want each room to be 30 square feet. How many rooms can the architect build in the space?

rooms

Show your work

#4

Avery travels a lot. She keeps track of distance travelled in her car as well as how much gas she has bought. Avery wants to know how efficient her car is she travelled 1600 kilometres, and bought 40 litres of gas. What is Avery's gas mileage?

kilometres per litre

Show your work

#5

Choose the best answer

A coffee shop is interested on saving money by ordering cream more accurately to avoid it spoiling. Over the last week they collected data and found that they used 1200 pitchers of cream for 30 customers. What is the average cream per customer?

- 34
- 36
- 40
- 44

Show your work

#6

An architect is measuring out how many rooms they can put in their latest project. There is a total of 1500 square feet, and they want each room to be 50 square feet. How many rooms can the architect build in the space?

rooms

Show your work

#7

A construction worker is building the frame for a house. They have 240 pieces of lumber in total and must frame 30 rooms. If one piece of lumber can construct one support, how many supports can the construction worker afford to put in each room?

supports per room

Show your work

#8

Choose the best answer

Angela develops 40 pictures from 2 rolls of film. How many pictures does each roll of film hold?

- 20 14
 16 23

Show your work

#9

Choose the best answer

Anthony travels a lot. He keeps track of distance travelled in his car as well as how much gas he has bought. Anthony wants to know how efficient his car is he travelled 140 kilometres, and bought 20 litres of gas. What is Anthony's gas mileage?

- 7 10
 5 4

Show your work

#10

A train car can hold 20 tonnes of grain. How many train cars are required to ship 200 tonnes of grain across the country?

train cars

Show your work

#11

Choose the best answer

Aiden has 40 gigabytes of music on the computer. If he knows there are 40 songs in the library, what is the average size of a song?

- 4 1
 3 0

Show your work

#12

If Andrew has made a big batch of spaghetti and wants to put it in containers for lunches. If he made 20 servings and would like to have 10 servings for each lunch, how many lunches will he have?

lunches

Show your work

| Question | Answer |
|----------|--------|
| #1 | 30 |
| #2 | 30 |
| #3 | 10 |
| #4 | 40 |
| #5 | 40 |
| #6 | 30 |
| #7 | 8 |
| #8 | 20 |
| #9 | 7 |
| #10 | 10 |
| #11 | 1 |
| #12 | 2 |