

Proportional Puzzlers

To panel board main



Problem 1

Problem 2

Problem 3

Problem 4

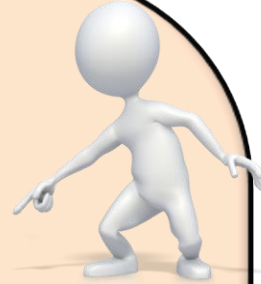
Problem 5

Problem 6





A car needs 1 minute 30 seconds to travel a distance of 1 mile. At this rate, how many miles will the car travel in one hour?



1

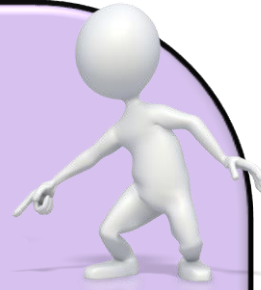
2

3

4

5

6



A factory produces 10 widgets per second.
How many hours does it take the factory to
produce 90,000 widgets?

1

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6



There are 225 students on a field trip to Busch Gardens. The ratio of girls to boys is 7 to 8.

How many girls went on the trip?

How many boys?

1

2

3

4

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6





Yolanda and Yoko ran in a 100-yd dash. When Yolanda crossed the finish line, Yoko was 10 yards behind her. The girls then repeated the race, with Yolanda starting 10 yards behind the starting line. If each girl ran the same rate as before, who won the race? By how many yards?

1

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6



The scale drawing of a rectangular room measures 10 cm long by 6 cm wide.

The actual width of the room is 15 feet.

What is the actual perimeter of the room in feet?

1

2

3

4

5

6



The Ferris Wheel rotates 5 times in 2 minutes. It then stops for 4 minutes to load and unload passengers. How many times will it rotate in 1 hour?

1

2

3

4

5

6

