Name : _____

Direct Variation

Round your answer to two decimal places.

1) Daryl hired a tile specialist to do up the walls in his home. The specialist used 24 tiles of the same size to cover a wall of 156 square feet. How many similar-sized tiles will be required to fill a wall measuring an area of 338 square feet?

_____

2) A person's weight varies on each planet of the solar system. Sean weighs 150 pounds on Earth, but he will weigh only 9   a man weighing 115 pounds on Earth

_____

3) A farmer harvested   w many bushels of corn will a 9-acre field in

_____

4) Randall works for an   ne his earnings for 21 days of work.

_____

5) The capacity of a 5 feet deep oval in-ground swimming pool is 23,600 gallons of water. How many gallons of water will be required to fill a similar-shaped pool that is 8 feet deep?

_____

Direct Variation

Round your answer to two decimal places.

1) Daryl hired a tile specialist to do up the walls in his home. The specialist used 24 tiles of the same size to cover a wall of 156 square feet. How many similar-sized tiles will be required to fill a wall measuring an area of 338 square feet?

   _____**52 tiles**_____

2) A person's weight varies on each planet of the solar system. Sean weighs 150 pounds on Earth, but he will weigh only 9 _____ d a man weighing 115 pounds on Earth

   _____**6.9 poun**____

3) A farmer harvested _____ w many bushels of corn will a 9-acre field in

   _____**360 bushels**____

4) Randall works for an _____ ne his earnings for 21 days of work.

   _____**$1,764**_____

5) The capacity of a 5 feet deep oval in-ground swimming pool is 23,600 gallons of water. How many gallons of water will be required to fill a similar-shaped pool that is 8 feet deep?

   _____**37,760 gallons of water**_____

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com