

Name : _____

Percent

Customary Units: S1

Solve each problem.

1) 19% of 200 tbs = _____

2) 75% of 20 qt = _____

3) 96% of 25 gal = _____

4) 20% of 495 yd = _____

5) 80% of 505 lb = _____

6) 45% of 620 cups = _____

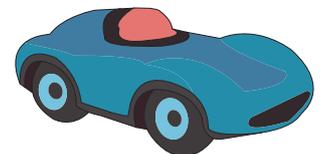
7) 15% of 40 tsp = _____

8) 32% of 50 oz = _____

9) 5% of 720 pt = _____

10) 54% of 950 ft = _____

- 11) A toy manufacturing company released a die-cast model of a popular car that measured 20 inches in length. They reduced the length of the model by 30% to produce a miniature version of the same car. How long does the miniature car measure?



- 12) Tom weighs 190 pounds. He enrolls for a fitness program and reduces 10% of his body weight over a three-month period. How many pounds did Tom lose?



Name : _____

Answer key

Percent

Customary Units: S1

Solve each problem.

1) 19% of 200 tbs = 38 tbs

2) 75% of 20 qt = 15 qt

3) 96% of 25 gal = 24 gal

4) 20% of 495 yd = 99 yd

5) 80% of 505 lb = 404 lb

6) 45% of 620 cups = 279 cups

7) 15% of 40 tsp = 6 tsp

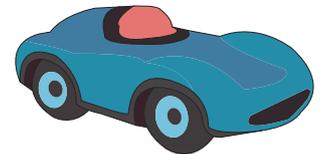
8) 32% of 50 oz = 16 oz

9) 5% of 720 pt = 36 pt

10) 54% of 950 ft = 513 ft

- 11) A toy manufacturing company released a die-cast model of a popular car that measured 20 inches in length. They reduced the length of the model by 30% to produce a miniature version of the same car. How long does the miniature car measure?

6 inches



- 12) Tom weighs 190 pounds. He enrolls for a fitness program and reduces 10% of his body weight over a three-month period. How many pounds did Tom lose?

19 pounds



Name : _____

Percent

Customary Units: S2

Solve each problem.

1) 85% of 60 in = _____

2) 10% of 680 ft = _____

3) 48% of 150 tbs = _____

4) 76% of 575 fl.oz = _____

5) 60% of 40 yd = _____

7) 24% of 325 cups = _____

9) 70% of 690 qt = _____

11) A squash ball weighs 1.5 pounds. How heavy is the squash ball?

How heavy is the squash ball?



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12) Linda owns a 360 square feet vegetable garden in which she grows carrots and radishes. Calculate the area allotted to grow carrots, if they take up 25% of the total area of the garden.



Name : _____

Answer key

Percent

Customary Units: S2

Solve each problem.

1) 85% of 60 in = 51 in

2) 10% of 680 ft = 68 ft

3) 48% of 150 tbs = 72 tbs

4) 76% of 575 fl.oz = 437 fl.oz

5) 60% of 40 yd = 2 gal

7) 24% of 325 cups = 468 lb

9) 70% of 690 qt = 28 pt

11) A squash ball weighs 1 lb. How heavy is the squash ball?

How heavy is the squash ball?



1 lb

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12) Linda owns a 360 square feet vegetable garden in which she grows carrots and radishes. Calculate the area allotted to grow carrots, if they take up 25% of the total area of the garden.



90 square feet

Name : _____

Percent

Customary Units: S3

Solve each problem.

1) 42% of 600 yd = _____

2) 15% of 420 gal = _____

3) 25% of 40 pt = _____

4) 8% of 75 in = _____

5) 44% of 275 ft = _____

7) 5% of 60 fl.oz = _____

9) 98% of 550 cups = _____

11) Jack bought 12 feet of rope. If 50% of the rope was utilized to tie up his



12) One cup of ice cream contains 260 calories. Forty-five percent of the total calorie content is derived from fat. Calculate the calorie content in fat.



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Name : _____

Answer key

Percent

Customary Units: S3

Solve each problem.

1) 42% of 600 yd = 252 yd

2) 15% of 420 gal = 63 gal

3) 25% of 40 pt = 10 pt

4) 8% of 75 in = 6 in

5) 44% of 275 ft = 648 tsp

= 648 tsp

7) 5% of 60 fl.oz = 77 qt

= 77 qt

9) 98% of 550 cups = 9 oz

= 9 oz

11) Jack bought 12 feet of rope. If 50% of the rope was utilized to tie up his horse, how much rope did he have left?

If 50% of the rope was

6 feet



12) One cup of ice cream contains 260 calories. Forty-five percent of the total calorie content is derived from fat. Calculate the calorie content in fat.

117 calories



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Name : _____

Percent

Customary Units: S4

Solve each problem.

1) 10% of 980 gal = _____

2) 35% of 40 tsp = _____

3) 88% of 25 lb = _____

4) 64% of 250 oz = _____

5) 75% of 312 fl.oz = _____

7) 13% of 200 qt = _____

9) 50% of 98 ft = _____

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11) Mary goes on a 25 mi trek. How far has she trekked if she has trekked 84% of the total distance?



12) Luke was doing a quality check on a consignment of designer wallets that weighed 190 ounces. The weight of the package was reduced by 20% as some wallets failed to meet the quality standards. How much did the rejected wallets weigh?



Name : _____

Answer key

Percent

Customary Units: S4

Solve each problem.

1) 10% of 980 gal = 98 gal

2) 35% of 40 tsp = 14 tsp

3) 88% of 25 lb = 22 lb

4) 64% of 250 oz = 160 oz

5) 75% of 312 fl.oz = 27 tbs

7) 13% of 200 qt = 805 in

9) 50% of 98 ft = 26 cups

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11) Mary goes on a 25 mi trek. How far did she travel if she has trekked 84% of the total distance?



21 mi

12) Luke was doing a quality check on a consignment of designer wallets that weighed 190 ounces. The weight of the package was reduced by 20% as some wallets failed to meet the quality standards. How much did the rejected wallets weigh?



38 ounces

Name : _____

Percent

Customary Units: S5

Solve each problem.

1) 85% of 20 pt = _____

2) 19% of 800 in = _____

3) 50% of 96 tsp = _____

4) 62% of 550 cups = _____

5) 20% of 495 tbs = _____

7) 6% of 150 lb = _____

9) 42% of 600 oz = _____

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11) A water tank can hold 1200 gallons of water. If it is 75% full, how many gallons of water does the tank contain?

How many gallons



12) Manderfield's Home Bakery baked a turtle pie that weighed 12 pounds. If 25% of the pie contained chocolate, find the amount of chocolate used to bake the pie.



Name : _____

Answer key

Percent

Customary Units: S5

Solve each problem.

1) 85% of 20 pt = 17 pt

2) 19% of 800 in = 152 in

3) 50% of 96 tsp = 48 tsp

4) 62% of 550 cups = 341 cups

5) 20% of 495 tbs = 17 ft

7) 6% of 150 lb = 28 fl.oz

9) 42% of 600 oz = 54 yd

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11) A water tank can hold 32 gallons of water. How many gallons of water does the tank hold?

How many gallons



32 gallons

12) Manderfield's Home Bakery baked a turtle pie that weighed 12 pounds. If 25% of the pie contained chocolate, find the amount of chocolate used to bake the pie.



3 pounds

Name : _____

Percent

Customary Units: S6

Solve each problem.

1) 52% of 450 oz = _____

2) 95% of 520 yd = _____

3) 24% of 75 in = _____

4) 46% of 50 tbs = _____

5) 5% of 120 cups = _____

7) 10% of 50 pt = _____

9) 35% of 900 tsp = _____

11) Layla plans to host a party for 15 people. She has 15 pounds of fat. If 20% of the fat was used, how many pounds did the fat weigh?

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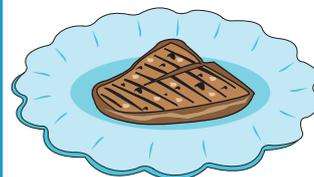
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12) Vivienne buys 10 gallons of double cream for strawberries and cream preparation. How much double cream was used up, if she used 60% of the total amount bought?



Name : _____

Answer key

Percent

Customary Units: S6

Solve each problem.

1) 52% of 450 oz = 234 oz

2) 95% of 520 yd = 494 yd

3) 24% of 75 in = 18 in

4) 46% of 50 tbs = 23 tbs

5) 5% of 120 cups = 438 qt

7) 10% of 50 pt = 561 gal

9) 35% of 900 tsp = 56 lb

- 11) Layla plans to host a party for 15 people. She bought 15 pounds of fat. If 20% of the fat was used, how much fat did the fat weigh?

3 pounds

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- 12) Vivienne buys 10 gallons of double cream for strawberries and cream preparation. How much double cream was used up, if she used 60% of the total amount bought?

6 gallons

