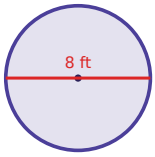
Valentine's Day Math · 1

A round table at the Valentine's party is 8 feet across (its diameter). Zoe puts ribbon once around its edge. How many feet of ribbon is that?



Valentine's Day Math · 2

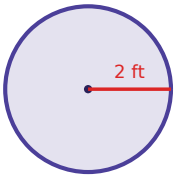
Mia uses 1 cup of pink frosting to make 8 cupcakes. How many cups of pink frosting are needed for 4 cupcakes?

Valentine's Day Math · 3

Lily uses 2 cups of pink frosting to make 6 brownies. How many cups of pink frosting are needed for 20 brownies?

Valentine's Day Math · 4

A round tablecloth for the Valentine's party has a radius of 2 feet. What is its area in square feet?



Valentine's Day Math · 5

A bunch of roses costs $15.00. It is on sale for 30% off. What is the sale price?

Valentine's Day Math · 6

A pack of valentine cards costs $4.00. It is on sale for 40% off. What is the sale price?

Valentine's Day Math · 7

A grab bag at the Valentine's party holds 2 valentine cards, 4 heart stickers and 1 paper heart. Noah takes one without looking. What is the probability that it is a heart sticker?

Valentine's Day Math · 8

A grab bag at the Valentine's party holds 2 valentine cards, 3 heart stickers and 1 paper heart. Leo takes one without looking. What is the probability that it is a valentine card?

Valentine's Day Math · 2

ANSWER

$\frac{1}{2}$

Valentine's Day Math · 1

ANSWER

25.1

Valentine's Day Math · 4

ANSWER

12.6

Valentine's Day Math · 3

ANSWER

$6\frac{2}{3}$

Valentine's Day Math · 6

ANSWER

$2.40

Valentine's Day Math · 5

ANSWER

$10.50

Valentine's Day Math · 8

ANSWER

$\frac{1}{3}$

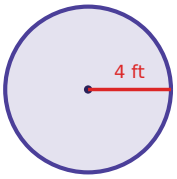
Valentine's Day Math · 7

ANSWER

$\frac{4}{7}$

Valentine's Day Math · 9

A round tablecloth for the Valentine's party has a radius of 4 feet. What is its area in square feet?



Valentine's Day Math · 10

Noah uses 4 cups of pink frosting to make 8 cupcakes. How many cups of pink frosting are needed for 35 cupcakes?

Valentine's Day Math · 11

A grab bag at the Valentine's party holds 2 valentine cards, 8 heart stickers and 7 paper hearts. Ben takes one without looking. What is the probability that it is a heart sticker?

Valentine's Day Math · 12

A bunch of roses costs $12.00. It is 50% off, and then 5% sales tax is added to the sale price. What is the total price?

Valentine's Day Math · 13

Zoe uses 2 cups of pink frosting to make 12 brownies. How many cups of pink frosting are needed for 26 brownies?

Valentine's Day Math · 14

A grab bag at the Valentine's party holds 2 valentine cards, 7 heart stickers and 5 paper hearts. Zoe takes one without looking. What is the probability that it is a valentine card?

Valentine's Day Math · 15

A bunch of roses costs $41.00. It is 25% off, and then 6% sales tax is added to the sale price. What is the total price?

Valentine's Day Math · 16

A box of chocolates costs $10.00. It is 50% off, and then 5% sales tax is added to the sale price. What is the total price?

Valentine's Day Math · 10

ANSWER

$17\frac{1}{2}$

Valentine's Day Math · 9

ANSWER

50.2

Valentine's Day Math · 12

ANSWER

$6.30

Valentine's Day Math · 11

ANSWER

$\frac{8}{17}$

Valentine's Day Math · 14

ANSWER

$\frac{1}{7}$

Valentine's Day Math · 13

ANSWER

$4\frac{1}{3}$

Valentine's Day Math · 16

ANSWER

$5.25

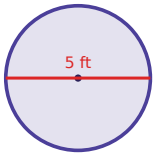
Valentine's Day Math · 15

ANSWER

$32.60

Valentine's Day Math · 17

A round table at the Valentine's party is 5 feet across (its diameter). Ben puts ribbon once around its edge. How many feet of ribbon is that?



Valentine's Day Math · 18

A grab bag at the Valentine's party holds 2 valentine cards, 5 heart stickers and 3 paper hearts. Ben takes one without looking. What is the probability that it is a valentine card?

Valentine's Day Math · 19

A box of chocolates costs $15.00. It is 25% off, and then 6% sales tax is added to the sale price. What is the total price?

Valentine's Day Math · 20

Omar uses 3 cups of pink frosting to make 12 heart cookies. How many cups of pink frosting are needed for 9 heart cookies?

Valentine's Day Math · 21

A grab bag at the Valentine's party holds 1 valentine card, 6 heart stickers and 4 paper hearts. Omar takes one without looking. What is the probability that it is a paper heart?

Valentine's Day Math · 22

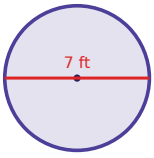
Ella uses 5 cups of pink frosting to make 4 brownies. How many cups of pink frosting are needed for 33 brownies?

Valentine's Day Math · 23

A grab bag at the Valentine's party holds 1 valentine card, 6 heart stickers and 7 paper hearts. Noah takes one without looking. What is the probability that it is a valentine card?

Valentine's Day Math · 24

A round table at the Valentine's party is 7 feet across (its diameter). Mia puts ribbon once around its edge. How many feet of ribbon is that?



Valentine's Day Math · 18

ANSWER

$\frac{1}{5}$

Valentine's Day Math · 17

ANSWER

15.7

Valentine's Day Math · 20

ANSWER

$2\frac{1}{4}$

Valentine's Day Math · 19

ANSWER

$11.93

Valentine's Day Math · 22

ANSWER

$41\frac{1}{4}$

Valentine's Day Math · 21

ANSWER

$\frac{4}{11}$

Valentine's Day Math · 24

ANSWER

22

Valentine's Day Math · 23

ANSWER

$\frac{1}{14}$