



Name _____ Class _____ Date _____

- 1 If the playschool bought **80** juice boxes and used **30%** of them by Friday, how many juice boxes are now empty?

$$80 \times 30\% = 80 \times .30 = \square$$

- A 40
B 30
C 24
D 25



- 2 On a team of **24** players, **75%** wear sneakers larger than size **10**. How many players need size **10** or larger?

$$24 \times 75\% = 24 \times .75 = \square$$

- A 18 C 20
B 10 D 3



- 3 A veterinarian noticed that **30%** of the cats he saw had very long tails. If he saw **41** cats, about how many would have short tails?

$$70\% \times 41 = .70 \times 41 = \square$$

- A 29
B 28



- 4 **56%** of the new CDs shipped to stores are made by rap stars. If a music store received a shipment of **200** new CDs, how many would have rap music on them?

$$56\% \text{ of } 200 = .56 \times 200 = \square$$

- A 106 C 112



PREVIEW

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- 7 What is the **base** in this problem?
37% of 50 = 18.5

- A 50 C 37
B 100 D 18.5



- 8 **18%**, how much is the tax that will be paid?

$$\$340 \times 18\% = \$340 \times .18 = \square$$

- A \$34.00 C \$12.15
B \$61.20 D \$18.00

- 9 A supervisor decides to give each worker a bonus at the rate of **12%** of their weekly salary. How much would Joni receive if her **base salary** is **\$560** a week?

$$12\% \text{ of } \$560 = .12 \times \$560 = \square$$

- A \$56.00 C \$67.20
B \$100.00 D \$50.60



- 10 A credit card company charges a rate of **28%** interest on all new purchases. Mr. Harris uses his credit card to purchase a new washing machine for **\$460**. How much **interest** will he pay?

$$28\% \text{ of } \$460 = .28 \times \$460 = \square$$

- A \$46.00 C \$28.00
B \$112.30 D \$128.80



ANSWER KEY

If the playschool bought **80** juice boxes and used **30%** of them by Friday, how many juice boxes are now empty?

$$80 \times 30\% = 80 \times .30 = \square$$

- A 40
- B 30
- C 24
- D 25



(C)

On a team of **24** players, **75%** wear sneakers larger than size **10**. How many players need size **10** or larger?

$$24 \times 75\% = 24 \times .75 = \square$$

- A 18
- B 10
- C 20
- D 3



(a)

A veterinarian noticed that **30%** of the cats he saw had very long tails. If he saw **41** cats, about how many would have short tails?

$$70\% \times 41 = .70 \times 41 = \square$$

- A 20
- B 10
- C 23
- D 29



(d)

56% of the new CDs shipped to stores are made by rap stars. If a music store received a shipment of **200** new CDs, how many would have rap music on them?

$$56\% \text{ of } 200 = .56 \times 200 = \square$$

- A 106
- B 75
- C 112
- D 160



(C)



PREVIEW

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$$37\% \text{ of } 50 = 18.5$$

- A 50
- B 100
- C 37
- D 18.5



A supervisor decides to give each worker a bonus at the rate of **12%** of their weekly salary. How much would Joni receive if her **base salary** is **\$560** a week?

$$12\% \text{ of } \$560 = .12 \times \$560 = \square$$

- A \$56.00
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(C)

$$\$340 \times 18\% = \$340 \times .18 = \square$$

- A \$34.00
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- D \$18.00

A credit card company charges a rate of **28%** interest on all new purchases. Mr. Harris uses his credit card to purchase a new washing machine for **\$460**. How much interest will he pay?

$$28\% \text{ of } \$460 = .28 \times \$460 = \square$$

- A \$46.00
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- C \$28.00
- D \$128.80

(d)