Percent of a Number

$65\% = 0.65$

65% of 186

$\bigstar$ $0.65 \times 186 = 120.9$

$45\% = 0.45$

45% of $\$432$

$0.45 \times 432 = \$194.40$

$23\% = 0.23$

23% of $\$640$

$0.23 \times 640 = \$147.20$

$130\% = 1.30$

130% of 20

$1.30 \times 20 = 26$

8% of 50

$0.08 \times 50 = 4$

95% of 40

$0.95 \times 40 = 38$

110% of 70

$1.1 \times 70 = 77$

10% of $70 = 7$

100% of $70 = 70$

Lesson 1 Homework Practice

Percent of a Number

Find each number. Round to the nearest hundredth if necessary.

1. 55% of 140

$0.55 \times 140 = 77$

2. 40% of 123

$0.40 \times 123 = 49.2$

3. 37% of $150

$0.37 \times 150 = \$55.50$

7. 140% of 30

$1.40 \times 30 = 42$

8. 165% of 10

$1.65 \times 10 = 16.5$

9. 150% of 150

$1.50 \times 150 = 225$

$4\% = 0.04$

$4. \% =$

13. 4.1% of 30

$0.041 \times 30 = 1.23$

14. 8.9% of 75

$0.089 \times 75 = 6.675$

15. 24.2% of $120

$0.242 \times 120 = 29.04$

$25\% \times 120 = 30$

$\frac{1}{4} \times 120 = 30$

16. SALES Mr. Redding sells vehicles to 20% of the people that come to the sales lot. If 65 people came to the lot last month, how many vehicles did he sell?

$20\% \text{ OF } 65 \rightarrow 0.20 \times 65 = 13$

Find each number. Round to the nearest hundredth if necessary.

$\frac{5}{6} =$

$\begin{array}{r} 0.8\ 33 \\ 6\overline{)5.0} \\ \underline{48} \\ 20 \\ \underline{18} \\ 20 \end{array}$

17. $\frac{5}{6}$% of 600

$10\% \text{ OF } 600 = 60$

$1\% \text{ OF } 600 = 6$

18. $30\frac{1}{3}$% of 3

$4.999 \approx 5$

19. 1,000% of 87

20. 100% of 56

21. 0.25% of 150

22. 0.7% of 50

23. ANALYZE TABLES Use the table that shows the percents of blood types of 145 donors during a recent blood drive.

a. Find how many donors had type B blood. Round to the nearest whole number if necessary.

b. How many donors did *not* have type O blood? Round to the nearest whole number if necessary.

c. Which blood type had less than 10 donors?

Blood Type	Percent
O	45
A	40
B	11
AB	4

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$50.\% = 0.5$

$5.\% = 0.05$

$0.$

$50.00\% = 0.5$

$5.00\% = 0.05$

$0.50\% = 0.005$

$0.05\% = 0.0005$

4.1% of 30

$0.041 \times 30 = 1.23$

$100\% = 1$

4% of 30

$0.04 \times 30 = 1.2$

$\frac{1}{4}$ of $12 = 3$

$\frac{1}{4}$ of $120 = 30$