

Percentages

Fractions, Decimals & % · Grade 6

Score: _____ / 10

◆ Medium · 10 Questions

Solve each problem. Show your work in the space provided. Write your answer on the line.

1. What is 35% of 200?

Answer: _____

2. What is 15% of 80?

Answer: _____

3. 18 out of 24 students passed a test.
What percentage passed?

Answer: _____

4. A price increases from \$50 to \$65.
What is the percentage increase?

Answer: _____

5. What is 12.5% of 160?

Answer: _____

6. A school has 600 students. 45% are boys.
How many girls are there?

Answer: _____

7. Express 45 out of 180 as a percentage.

Answer: _____

8. What percent of 90 is 27?

Answer: _____

9. A population grew from 5,000 to 5,750.
Find the percentage increase.

Answer: _____

10. 70% of a number is 56. Find the number.

Answer: _____

Answer Key

Percentages — Medium

1. **70**

$35\% = 30\% + 5\%$. 30% of $200=60$. 5% of $200=10$. Total: 70 .

2. **12**

10% of $80=8$. 5% of $80=4$. $15\%=8+4=12$.

3. **75%**

$18/24 = 3/4 = 75\%$.

4. **30%**

Increase = \$15. % increase = $(15/50) \times 100 = 30\%$.

5. **20**

$12.5\% = 1/8$. $160 \div 8 = 20$.

6. **330**

Boys: $45\% \times 600 = 270$. Girls: $600 - 270 = 330$. Or: $55\% \times 600 = 330$.

7. **25%**

$45/180 = 1/4 = 25\%$.

8. **30%**

$27/90 = 3/10 = 30\%$.

9. **15%**

Increase: 750 . % = $(750/5,000) \times 100 = 15\%$.

10. **80**

$70\% \times n = 56$. $n = 56 \div 0.7 = 80$.