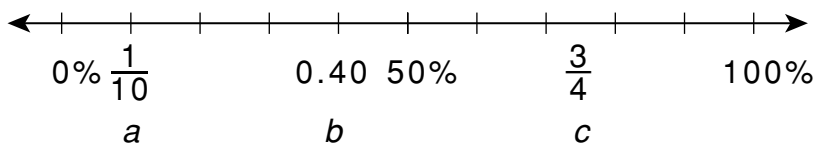


CHAPTER **At-Home Practice**
6 **Percents**

Find the missing fraction or percent equivalent for each letter on the number line.



1. a

2. b

3. c

Rewrite each value as indicated.

4. 58% as a decimal

5. $\frac{6}{25}$ as a percent

6. 0.784 as a fraction

Estimate.

7. 16% of 40

8. 29% of 118

9. 96 out of 1020

Find each percent.

10. 7.5 is what percent of 30?

11. What percent of 85 is 34?

12. 635 students attend Golden State School. If 508 students ride the bus to school, find the percent of students that ride the bus.

Find each number.

13. 120 is $66\frac{2}{3}\%$ of what number?

14. 70% of what number is 168?

15. In Mr. O'Riley's math classes, 32 students received A's and B's for their third quarter grade. If this represents 64% of all of his students, how many students does Mr. O'Riley teach?

Answers: 1. 10% 2. $\frac{5}{2}$ 3. 75% 4. 0.58 5. 24% 6. $\frac{125}{98}$ 7. 6 8. 36 9. $\frac{10}{1}$ or 10% 10. 25% 11. 40% 12. 80% 13. 180 14. 240 15. 50 students

CHAPTER

6

Family Fun**Percent Puzzle****Directions**

Each puzzle has 3 pieces.

- Cut out each puzzle piece and shuffle the pieces. Deal out three pieces to each player.
- To complete a puzzle, each piece must be equal to the other two pieces of the puzzle.
- If the three pieces do not make a match, you can discard one of your cards back to the deck and draw another card, or you can ask another player to give you the card you need to make your match. If you exchange a card with another player, you must give that player one of your cards.
- The first player to have the most completed puzzles wins the game.

25%

50%

75%

 $33\frac{1}{3}\%$

0.25

0.5

0.75

 $0.\overline{3}$ $\frac{5}{20}$ $\frac{17}{34}$ $\frac{36}{48}$ $\frac{7}{21}$ $\frac{3}{10}$

0.3

30%

2

 $\frac{50}{25}$

200%