



## Skill Builder 3 – Practice Exercises

### SET A (Basic)

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- An elevator passes 4 floors every 15 seconds. As this rate, how many floors will the elevator pass in one minute?
  - 10
  - 12
  - 16
  - 20
  - 24
- On a certain map, 1 inch represents 8 miles. What is the distance, in miles, represented by  $2\frac{3}{4}$  inches?
  - 14
  - $16\frac{3}{4}$
  - $20\frac{1}{4}$
  - 22
  - $22\frac{1}{4}$
- The ratio of  $4\frac{1}{3}$  to  $7\frac{1}{3}$  is equivalent to which of the following?
  - 4 to 7
  - 13 to 22
  - 7 to 9
  - 8 to 11
  - 11 to 8
- The ratio of boys to girls in a class is 5 to 4. How many girls are in the class if there are 20 boys?
  - 12
  - 14
  - 15
  - 16
  - 24
- The ratio of red marbles to blue marbles to green marbles is 5 to 4 to 3, respectively. Which of the following could be the total number of marbles?
  - 84
  - 90
  - 100
  - 110
  - 112
- If  $\frac{4}{5} = \frac{5}{x}$ , then  $x =$ 
  - $\frac{4}{25}$
  - 4
  - $\frac{25}{4}$
  - 5
  - 6
- The cost of a \$144 gift is shared equally among 9 workers. If 3 more workers decide to share the cost, how much less will each worker pay?
  - \$12
  - \$ 9
  - \$ 8
  - \$ 6
  - \$ 4
- A particular salad dressing is 60% oil, 25% water, and 15% vinegar. What is the ratio of the amount of water to the amount of vinegar?
  - 2 to 1
  - 3 to 2
  - 5 to 2
  - 5 to 3
  - 5 to 4