

Name : _____

Reduce the Ratio

MS3

A) Reduce each ratio to its lowest term.

1) 9 feet : 64 inches

2) 96 tablespoons : 2 cups

3) 24 gallons : 58 quarts

4) 78 inches : 4 yards

7) 35 quarts : 49 p

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llons

5) 52 ounces : 10 p

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: 7 tablespoons

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B) An 8-year-old girl was 6 months old, her weight was 224 ounces. what is the ratio of Sara's weight when she was 6 months old to her current weight? Reduce the ratio to its lowest term..



Name : _____

Answer Key

MS3

Reduce the Ratio

A) Reduce each ratio to its lowest term.

1) 9 feet : 64 inches

2) 96 tablespoons : 2 cups

$$\underline{108 \text{ in} : 64 \text{ in} = 27 \text{ in} : 16 \text{ in}}$$

$$\underline{96 \text{ tbs} : 32 \text{ tbs} = 3 \text{ tbs} : 1 \text{ tbs}}$$

3) 24 gallons : 58 quarts

4) 78 inches : 4 yards

$$\underline{96 \text{ qt} : 58 \text{ qt}}$$

$$\underline{\text{in} = 13 \text{ in} : 24 \text{ in}}$$

7) 35 quarts : 49 pints

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gallons

$$\underline{70 \text{ pt} : 49 \text{ pt}}$$

$$\underline{\text{pt} = 1 \text{ pt} : 2 \text{ pt}}$$

5) 52 ounces : 10 pints

: 7 tablespoons

$$\underline{52 \text{ oz} : 160 \text{ oz}}$$

$$\underline{\text{sp} = 29 \text{ tsp} : 7 \text{ tsp}}$$

B) An 8-year-old girl was 29 months old, her weight was 224 ounces. What is the ratio of Sara's weight when she was 6 months old to her current weight? Reduce the ratio to its lowest term..

$$\underline{224 \text{ oz} : 928 \text{ oz} = 7 \text{ oz} : 29 \text{ oz}}$$

