Name : _____ Score : _____

Reduce the Ratio

Easy: S1

A) Reduce each ratio to its lowest term.

1) 8 : 12 = ☐

2) 15 : 9 = ☐

3) 24 : 18 = ☐

4) 16 : 14 = ☐

5) 15 : 45 = ☐

6) 2 : 4 = ☐

B) Write each ratio in its simplest form.

1) 24 m : 12 m = _____

2) 8 yd : 32 yd = _____

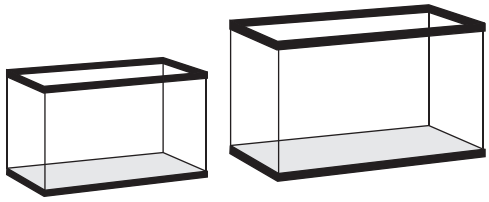
3) 15 in : 18 in = _____

4) 12 qt : 4 qt = _____

5) 2 pt : 10 pt = _____

6) 22 gal : 6 gal = _____

C) Evelyn bought two fish tanks with the capacity of 15 gallons and 30 gallons each. Write the ratio of the capacity of the smaller tank to the capacity of the larger tank. Reduce the ratio to its lowest term.



_____

Name : _____ Score : _____

Answer Key

Reduce the Ratio

Easy: S1

A) Reduce each ratio to its lowest term.

1) 8 : 12 = **2 : 3**

2) 15 : 9 = **5 : 3**

3) 24 : 18 = **4 : 3**

4) 16 : 14 = **8 : 7**

5) 15 : 45 = **1 : 3**

6) 2 : 4 = **1 : 2**

B) Write each ratio in its simplest form.

1) 24 m : 12 m = **2 m : 1 m**

2) 8 yd : 32 yd = **1 yd : 4 yd**

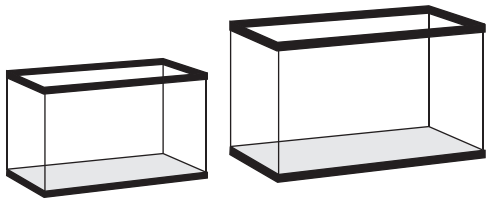
3) 15 in : 18 in = **5 in : 6 in**

4) 12 qt : 4 qt = **3 qt : 1 qt**

5) 2 pt : 10 pt = **1 pt : 5 pt**

6) 22 gal : 6 gal = **11 gal : 3 gal**

C) Evelyn bought two fish tanks with the capacity of 15 gallons and 30 gallons each. Write the ratio of the capacity of the smaller tank to the capacity of the larger tank. Reduce the ratio to its lowest term.



15 gal : 30 gal = 1 gal : 2 gal

Name : _____ Score : _____

Reduce the Ratio

Easy: S2

A) Reduce each ratio to its lowest term.

1) 4 : 6 = ☐

2) 21 : 3 = ☐

3) 25 : 5 = ☐

4) 12 : 15 = ☐

5) 7 : 14 = ☐

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B) Write each ratio

1) 24 cm : 9 cm = _____

3) 16 kg : 28 kg = _____

5) 48 gal : 40 gal = _____

C) Rachel got a pack of 8 oz fruit flavored snacks and Katie got a pack of 18 oz fruit flavored snacks. What is the ratio of the weight of the larger pack to the weight of the smaller pack? Reduce the ratio to its lowest term.

_____

Name : _____ Score : _____

Answer Key

Reduce the Ratio

Easy: S2

A) Reduce each ratio to its lowest term.

1) 4 : 6 = **2 : 3**

2) 21 : 3 = **7 : 1**

3) 25 : 5 = **5 : 1**

4) 12 : 15 = **4 : 5**

5) 7 : 14 = **1 : 6**

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B) Write each ratio

1) 24 cm : 9 cm = **2 m : 1 m**

3) 16 kg : 28 kg = **13 ft : 5 ft**

5) 48 gal : 40 gal = **7 yd : 4 yd**

C) Rachel got a pack of 8 oz fruit flavored snacks and Katie got a pack of 18 oz fruit flavored snacks. What is the ratio of the weight of the larger pack to the weight of the smaller pack? Reduce the ratio to its lowest term.

18 oz : 8 oz = 9 oz : 4 oz

Name : _____ Score : _____

Reduce the Ratio

Easy: S3

A) Reduce each ratio to its lowest term.

1) 28 : 7 = ☐

2) 22 : 33 = ☐

3) 42 : 30 = ☐

4) 64 : 40 = ☐

5) 18 : 72 = ☐

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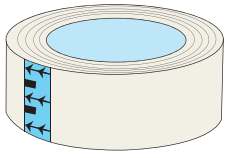
B) Write each ratio

1) 40 qt : 24 qt = _____

3) 20 ft : 35 ft = _____

5) 54 g : 27 g = _____

C) 16 yards of a scotch tape is used and 24 yards is left. What is the ratio of unused tape to used tape? Reduce the ratio to its lowest term.



_____

Name : _____ Score : _____

Answer Key

Easy: S3

Reduce the Ratio

A) Reduce each ratio to its lowest term.

1) 28 : 7 = **4 : 1**

2) 22 : 33 = **2 : 3**

3) 42 : 30 = **7 : 5**

4) 64 : 40 = **8 : 5**

5) 18 : 72 = **5 : 2**

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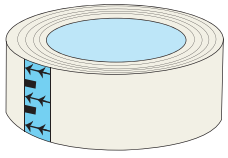
B) Write each ratio

1) 40 qt : 24 qt = **8 cm : 5 cm**

3) 20 ft : 35 ft = **2 m : 3 m**

5) 54 g : 27 g = **4 ml : 5 ml**

C) 16 yards of a scotch tape is used and 24 yards is left. What is the ratio of unused tape to used tape? Reduce the ratio to its lowest term.



24 yd : 16 yd = 3 yd : 2 yd

Name : _____ Score : _____

Reduce the Ratio

Medium: S1

A) Reduce each ratio to its lowest term.

1) 24 : 96 = ☐

2) 42 : 84 = ☐

3) 84 : 56 = ☐

4) 60 : 75 = ☐

5) 81 : 27 = ☐

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B) Write each ratio

1) 40 g : 80 g = _____

3) 20 gal : 22 gal = _____

5) 12 cm : 32 cm = _____

C) 30 ml espresso and 90 ml milk are mixed together to make a cup of latte. What is the ratio of espresso to milk? Reduce the ratio to its lowest term.

_____

Name : _____ Score : _____

Answer Key

Reduce the Ratio

Medium: S1

A) Reduce each ratio to its lowest term.

1) 24 : 96 = **1 : 4**

2) 42 : 84 = **1 : 2**

3) 84 : 56 = **3 : 2**

4) 60 : 75 = **4 : 5**

5) 81 : 27 = **2 : 1**

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B) Write each ratio

1) 40 g : 80 g = **3 ml : 2 ml**

3) 20 gal : 22 gal = **7 ft : 8 ft**

5) 12 cm : 32 cm = **4 in : 3 in**

C) 30 ml espresso and 90 ml milk are mixed together to make a cup of latte. What is the ratio of espresso to milk? Reduce the ratio to its lowest term.

30 ml : 90 ml = 1 ml : 3 ml

Name : _____ Score : _____

Reduce the Ratio

Medium: S2

A) Reduce each ratio to its lowest term.

1) 39 : 18 = ☐

2) 44 : 28 = ☐

3) 81 : 45 = ☐

4) 84 : 36 = ☐

5) 66 : 38 = ☐

B) Write each ratio

1) 57 ft : 95 ft = _____

3) 62 m : 10 m = _____

5) 63 ml : 45 ml = _____

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C) An automobile company packs connecting rods in a 38 inches corrugated box and cam shafts in a 52 inches corrugated box. What is the ratio of the size of the smaller box to the size of the larger box? Reduce the ratio to its lowest term.

_____

Name : _____ Score : _____

Answer Key

Reduce the Ratio

Medium: S2

A) Reduce each ratio to its lowest term.

1) 39 : 18 = **13 : 6**

2) 44 : 28 = **11 : 7**

3) 81 : 45 = **9 : 5**

4) 84 : 36 = **7 : 3**

5) 66 : 38 = **3 : 1**

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B) Write each ratio

1) 57 ft : 95 ft = **17 in : 5 in**

3) 62 m : 10 m = **1 l : 4 l**

5) 63 ml : 45 ml = **13 yd : 4 yd**

C) An automobile company packs connecting rods in a 38 inches corrugated box and cam shafts in a 52 inches corrugated box. What is the ratio of the size of the smaller box to the size of the larger box? Reduce the ratio to its lowest term.

38 in : 52 in = 19 in : 26 in

Name : _____ Score : _____

Reduce the Ratio

Medium: S3

A) Reduce each ratio to its lowest term.

1) 76 : 92 = ☐

2) 58 : 34 = ☐

3) 30 : 90 = ☐

4) 88 : 66 = ☐

5) 46 : 52 = ☐

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B) Write each ratio

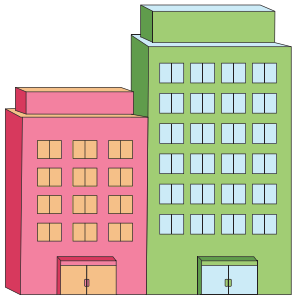
1) 35 m : 84 m = _____

3) 48 ft : 72 ft = _____

5) 63 kg : 18 kg = _____

C) The height of two adjacent residential buildings are 54 feet and 81 feet. What is the ratio of the height of the smaller building to the height of the taller building? Write the ratio in its simplest form.

_____



Name : _____ Score : _____

Answer Key

Reduce the Ratio

Medium: S3

A) Reduce each ratio to its lowest term.

1) 76 : 92 = **19 : 23**

2) 58 : 34 = **29 : 17**

3) 30 : 90 = **1 : 3**

4) 88 : 66 = **4 : 3**

5) 46 : 52 = **3 : 5**

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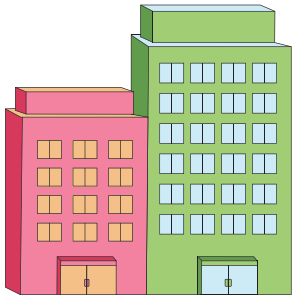
B) Write each ratio

1) 35 m : 84 m = **1 cm : 3 cm**

3) 48 ft : 72 ft = **2 in : 1 in**

5) 63 kg : 18 kg = **6 ml : 11 ml**

C) The height of two adjacent residential buildings are 54 feet and 81 feet. What is the ratio of the height of the smaller building to the height of the taller building? Write the ratio in its simplest form.



54 ft : 81 ft = 2 ft : 3 ft