Ratios & Fractions Worksheet

Sammy and Kaden went fishing using live shrimp as bait. Sammy brought 8 more shrimp than Kaden brought. When they combined their shrimp they had 32 shrimp altogether.

    a.   How many shrimp did each boy bring?

    b.   What is the ratio of the number of shrimp Sammy brought to the number of shrimp Kaden brought?

    c.   Express the number of shrimp Sammy brought as a fraction of the number of shrimp Kaden brought.

    d.   What is the ratio of the number of shrimp Sammy brought to the total number of shrimp?

    e.   What fraction of the total shrimp did Sammy bring?

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Ratios & Fractions Worksheet

Sammy and Kaden went fishing using live shrimp as bait. Sammy brought 8 more shrimp than Kaden brought. When they combined their shrimp they had 32 shrimp altogether.

a. How many shrimp did each boy bring?

   Kaden brought 12 shrimp. Sammy brought 20 shrimp.

b. What is the ratio of the number of shrimp Sammy brought to the number of shrimp Kaden brought?

   $20:12$

c. Express the number of shrimp Sammy brought as a fraction of the number of shrimp Kaden brought.

   $\dfrac{20}{12}$

d. What is the ratio of the number of shrimp Sammy brought to the total number of shrimp?

   $20:32$

e. What fraction of the total shrimp did Sammy bring?

   $\dfrac{20}{32}$