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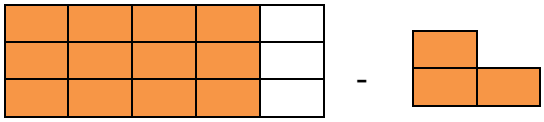
4.NF.B.3 Subtraction of Fractions (Same Denominators) – II

Give what is asked in each item and then write your answers on the space provided.

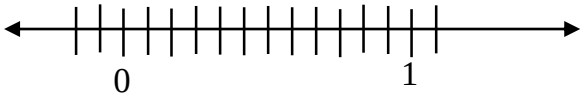
1. Answer the questions.

a. Use the following model to subtract $\frac{3}{15}$ from $\frac{12}{15}$.



Answer:

b. Use the following model to subtract $\frac{3}{12}$ from $\frac{8}{12}$.



Answer:

2. Use a model or a number line to answer the questions below. Convert the result into a proper fraction or mixed number.

a. $\frac{7}{9} - \frac{4}{9} =$ b. $\frac{6}{7} - \frac{1}{7} =$ c. $\frac{3}{8} - \frac{2}{8} =$ d. $\frac{3}{6} - \frac{2}{6} =$

e. $\frac{6}{10} - \frac{4}{10} =$ f. $\frac{6}{12} - \frac{4}{12} =$ g. $\frac{7}{11} - \frac{5}{11} =$ h. $\frac{8}{9} - \frac{5}{9} =$

Answers:

a. b. c. d.

e. f. g. h.

3. Jester filled a water container by $\frac{3}{12}$ of its capacity. How much of the water container Jester needed to fill in to make it half full? Show your solution.

Answer:

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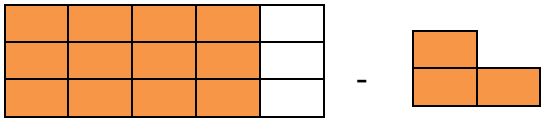
Answer Key

Give what is asked in each item and then write your answers on the space provided.

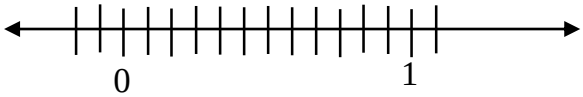
1. Answer the questions.

a. Use the following model to subtract $\frac{3}{15}$ from $\frac{12}{15}$.



Answer: $\frac{9}{15}$

b. Use the following model to subtract $\frac{3}{12}$ from $\frac{8}{12}$.



Answer: $\frac{5}{12}$

2. Use a model or a number line to answer the questions below. Convert the result into a proper fraction or mixed number.

a. $\frac{7}{9} - \frac{4}{9} =$ b. $\frac{6}{7} - \frac{1}{7} =$ c. $\frac{3}{8} - \frac{2}{8} =$ d. $\frac{3}{6} - \frac{2}{6} =$

e. $\frac{6}{10} - \frac{4}{10} =$ f. $\frac{6}{12} - \frac{4}{12} =$ g. $\frac{7}{11} - \frac{5}{11} =$ h. $\frac{8}{9} - \frac{5}{9} =$

Answers:

a. $\frac{3}{9}$ b. $\frac{5}{7}$ c. $\frac{1}{8}$ d. $\frac{1}{6}$

e. $\frac{1}{5}$ f. $\frac{1}{6}$ g. $\frac{2}{11}$ h. $\frac{1}{3}$

3. Jester filled a water container by $\frac{3}{12}$ of its capacity. How much of the water container Jester needed to fill in to make it half full? Show your solution.

Answer:

$1 - \frac{1}{2} = \frac{2}{2} - \frac{1}{2} = \frac{1}{2}$ or half full

$\frac{1}{2} - \frac{3}{12} = \frac{6}{12} - \frac{3}{12} = \frac{3}{12}$ of the container is needed to be filled in to make it half full

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