

1. Find the product in simplest form:

$$\frac{3}{5} \times \frac{4}{7}$$

A $\frac{7}{35}$

B $\frac{12}{35}$

C $\frac{12}{30}$

D $\frac{7}{12}$

2. There is $\frac{5}{8}$ of a pie left over from last night. Jude eats $\frac{2}{15}$ of the leftover pie as a midnight snack. How much of the whole pie does Jude eat? Simplify your answer if possible.

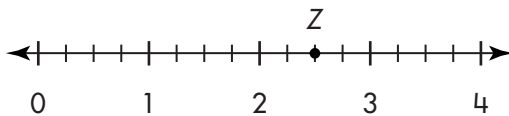
A $\frac{5}{12}$

B $\frac{2}{15}$

C $\frac{5}{60}$

D $\frac{1}{12}$

3. On the number line, $Z = ?$



A $2\frac{1}{4}$

B $2\frac{1}{2}$

C $2\frac{3}{4}$

D $3\frac{1}{2}$

4. In Carolina's class, $\frac{6}{16}$ of the children have freckles. Of the children with freckles, $\frac{1}{12}$ have red hair. What fraction of Carolina's class has red hair and freckles? Simplify your answer, if possible.

5. There are 32 children in Carolina's class. How many have both red hair and freckles?

6. Find each product. Simplify your answers, if possible.

$$\frac{6}{8} \times \frac{2}{7}$$

$$\frac{2}{3} \times \frac{1}{4} \times \frac{5}{6}$$

$$\frac{9}{12} \times \frac{4}{9}$$

$$\frac{3}{10} \times \frac{2}{5} \times 4$$

$$\frac{7}{16} \times \frac{8}{14}$$

$$\frac{5}{16} \times \frac{4}{15} \times 3$$
