

Equivalent fraction

1. Which fraction is equivalent to $\frac{2}{3}$.

$\frac{3}{8}$, $\frac{12}{15}$, $\frac{25}{75}$, $\frac{24}{36}$

2. Write $\frac{12}{20}$ in its simplest form.

3. Write $\frac{12}{48}$ in lowest terms:

5. Which sign makes the sentence true? (<, >, =)

$5\frac{1}{12}$ $5\frac{5}{8}$

6. What is $45\frac{1}{6}$ rounded to the nearest whole number?

What is the least common denominator of?

7. $\frac{3}{4}$ and $\frac{5}{12}$ _____

8. $\frac{2}{9}$ and $\frac{5}{6}$ _____

9. $\frac{3}{7}$ and $\frac{3}{8}$ _____

10. $\frac{4}{5}$ and $\frac{7}{8}$ _____

11. Find $\frac{3}{7}$ of 42.

12. Find $\frac{2}{3}$ of one hour.

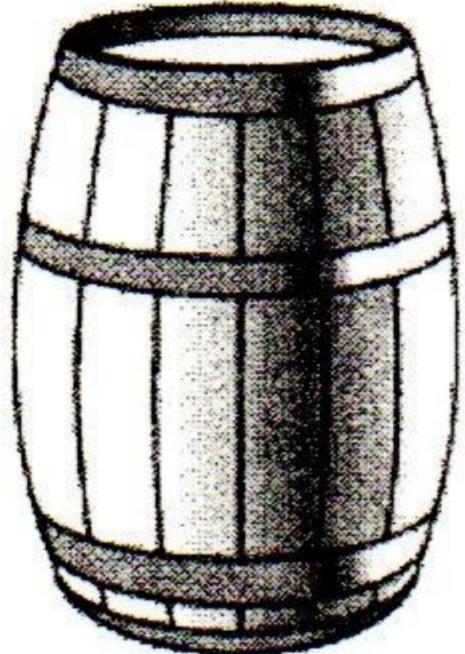
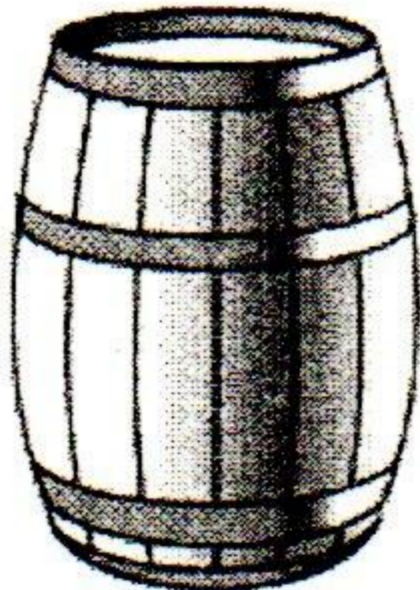


13. Find $\frac{3}{5}$ of 2 kg.

14. A dress usually costs £60. It is reduced by $\frac{1}{3}$ in a sale. By how much is the dress reduced?

15. There are 4 mailboxes on Jasmine's street. 1 of the mailboxes is silver. What fraction of the mailboxes are silver?

16. There are 10 boys in a class. If the total number of students is 25 then find the fraction of girls in the class?

The diagram shows four different sized barrels.

			
<p>Barrel A</p> <p>holds</p> <p>54 gallons</p>	<p>Barrel B</p> <p>holds</p> <p>36 gallons</p>	<p>Barrel C</p> <p>holds</p> <p>18 gallons</p>	<p>Barrel D</p> <p>holds</p> <p>9 gallons</p>

Q17. Write the missing fractions **as simply as possible**.
 The first one is done for you.
 Barrel **C** holds $\frac{1}{2}$ of the amount barrel **B** holds.

Barrel **D** holds _____ of the amount barrel **B** holds.

Barrel **C** holds _____ of the amount barrel **A** holds.

Barrel **B** holds _____ of the amount barrel **A** holds.

Q18. For each sequence below, tick () the correct box to show if it is **increasing**, **decreasing** or **neither**.

				increasing	decreasing	neither
$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}$	$\frac{1}{5}$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
$\frac{6}{13}$	$\frac{7}{12}$	$\frac{8}{11}$	$\frac{9}{10}$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
$\frac{1}{2}$	$\frac{2}{4}$	$\frac{3}{6}$	$\frac{4}{8}$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
$\frac{3}{2}$	$\frac{4}{3}$	$\frac{5}{4}$	$\frac{6}{5}$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>