

Fractions in contexts

23/01/2025: fractions in contexts, quiz of ten minutes, identify numerators and denominators, recognize fractions greater than 1, unit fractions in number line, quiz, unit test

<p>Mrs. Jones ordered 5 cheese pizzas and 1 of pepperoni. In total, he ordered 6 pizzas.</p> <p>What fraction of pizzas are cheese?</p> <p>Choose 1 answer:</p> <p><input type="radio"/> $\frac{6}{5}$</p> <p><input checked="" type="radio"/> CORRECT (SELECTED)</p> <p><input type="radio"/> $\frac{5}{6}$</p>	<p>Milo cut his cake in 2 equal pieces. He ate 2 pieces of cake on his birthday.</p> <p>What fraction of the cake did Milo eat?</p> <p>Choose 1 answer:</p> <p><input type="radio"/> $\frac{1}{4}$</p> <p><input checked="" type="radio"/> CORRECT (SELECTED)</p> <p><input type="radio"/> $\frac{2}{2}$</p>
<p>Brian ate 5 slices of cake. The cake was cut into 6 slices of the same size.</p> <p>What fraction of the cake did Brian eat?</p> <p>Choose 1 answer:</p> <p><input type="radio"/> $\frac{6}{5}$</p> <p><input type="radio"/> $\frac{1}{5}$</p> <p><input checked="" type="radio"/> CORRECT (SELECTED)</p> <p><input type="radio"/> $\frac{5}{6}$</p>	

Identify numerators and denominators



Recognize fractions

Each large rectangle is equal to an integer.

Which images show $\frac{2}{6}$ shading?

Choose 2 answers:

☐ TO

☒ CORRECT (SELECTED)

The following circle is equal to an integer.

What fraction of the circle is shaded?

Each large square is equal to an integer.

Which images show $\frac{2}{3}$ shading?

Choose 2 answers:

☒ CORRECT (SELECTED)

The following circle is equal to an integer.

What fraction of the circle is shaded?

Choose 1 answer:

☐ TO 1third

☒ CORRECT (SELECTED)

☐ 3rooms

☐

Recognize fractions greater than 1

Each large rectangle represents 1 whole.

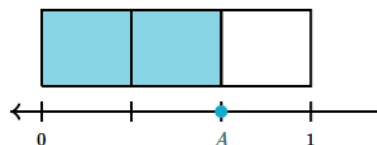
What fraction does the total shaded area represent?

Choose 1 answer:

☒ CORRECT (SELECTED)

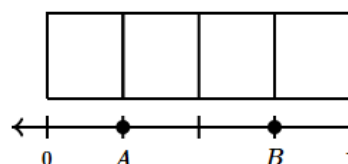
Relating number lines to fraction bars

What fraction is at the point A on the number line?



$A = \frac{2}{3}$

What point is in $\frac{1}{4}$ on the number line?



Choose 1 answer:

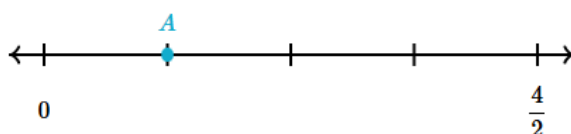


CORRECT (SELECTED)

A

Unit fractions on the number line

What number is at the point A ?



$\frac{1}{2}$

What point is in $\frac{2}{3}$ on the number line?

Choose 1 answer:

(A)



CORRECT (SELECTED)

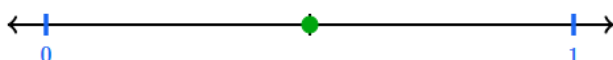
(B)



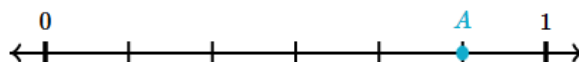
Move the point to $\frac{1}{2}$ on the number line.

First change the number of divisions to create marks on the number line.

Number of divisions:



What fraction is at the point A on the number line?



$A = \frac{5}{6}$

What point is in $\frac{3}{4}$ on the number line?

Choose 1 answer:

(A)



(B)



CORRECT (SELECTED)

(C)



What point is in $\frac{7}{8}$ on the number line?

Choose 1 answer:

☐



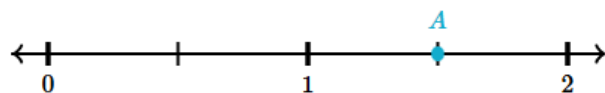
☒

CORRECT (SELECTED)



Fractions greater than 1 on the number line

What fraction is at the point A on the number line?



What point is in $\frac{13}{6}$ on the number line?

Choose 1 answer:

☒

CORRECT (SELECTED)

