RATIO

A RATIO

A.1 FINDING RATIOS IN WHOLE-PART RELATIONSHIPS

Ex 1: What is the ratio of girls to kids?

$\boxed{2}$
$\boxed{3}$

Answer:

- There are 2 girls.
- There are 3 kids.
- The ratio of girls to kids is $\frac{2}{3}$.

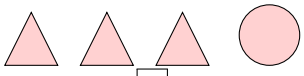
Ex 2: What is the ratio of girls to kids?

$\boxed{2}$
$\boxed{5}$

Answer:

- There are 2 girls.
- There are 5 kids.
- The ratio of girls to kids is $\frac{2}{5}$.

Ex 3: What is the ratio of triangles to shapes?

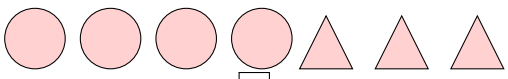


$\boxed{3}$
$\boxed{4}$

Answer:

- There are 3 triangles.
- There are 4 shapes.
- The ratio of triangles to shapes is $\frac{3}{4}$.

Ex 4: What is the ratio of circles to shapes?



$\boxed{4}$
$\boxed{7}$

Answer:

- There are 4 circles.
- There are 7 shapes.
- The ratio of circles to shapes is $\frac{4}{7}$.

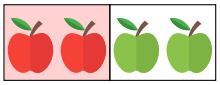
B EQUIVALENT RATIOS

B.1 SIMPLIFYING RATIOS

Ex 5: What is the ratio of red apples to all apples (write in simplified form)?

$\boxed{1}$
$\boxed{2}$

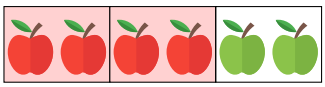
Answer:

- There are 2 red apples.
- There are 4 apples in total.
- The ratio of red apples to all apples is $\frac{2}{4}$.
- 
- The simplified ratio is $\frac{1}{2}$ (half are red).

Ex 6: What is the ratio of red apples to all apples (write in simplified form)?

$\boxed{2}$
$\boxed{3}$

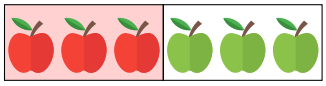
Answer:

- There are 4 red apples.
- There are 6 apples in total.
- The ratio of red apples to all apples is $\frac{4}{6}$.
- 
- The simplified ratio is $\frac{2}{3}$.

Ex 7: What is the ratio of red apples to all apples (write in simplified form)?

$\boxed{1}$
$\boxed{2}$

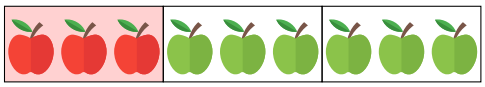
Answer:

- There are 3 red apples.
- There are 6 apples in total.
- The ratio of red apples to all apples is $\frac{3}{6}$.
- 
- The simplified ratio is $\frac{1}{2}$ (half are red).

Ex 8: What is the ratio of red apples to all apples (write in simplified form)?

$\frac{1}{3}$

Answer:

- There are 3 red apples.
- There are 9 apples in total.
- The ratio of red apples to all apples is $\frac{3}{9}$.
- 
- The simplified ratio is $\frac{1}{3}$.