



Proportions/Equivalent Fractions

Math
F

Name _____ Class _____ Date _____

- 1 A **ratio** compares two numbers using a fraction. The ratio of sunny days to cloudy days is **2 to 7**, so $\frac{2}{7}$ of the days were cloudy. **What fraction would represent the ratio of 5 cloudy days to 14 sunny days?**

A $\frac{5}{7}$ B $\frac{5}{14}$ C $\frac{2}{5}$ D $\frac{7}{14}$



- 3 On a beach, a child found **3 starfish** and **11 shells**. **What fraction represents the ratio of starfish to shells in the child's collection?**



- 2 There were **5 green** apples in a bag of **12 green and red apples**. **The ratio of green apples to the total number would be ____.**

A $\frac{5}{12}$ B $\frac{5}{7}$ C $\frac{2}{17}$ D $\frac{12}{17}$



- 4 Two different fractions can name the same amount. These are called **equivalent fractions**. For instance, $\frac{1}{3}$ and $\frac{3}{9}$ are equivalent fractions. **What is an equivalent fraction for $\frac{1}{6}$?**



5



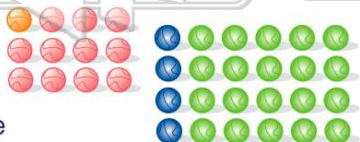
PREVIEW

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9

$\frac{1}{12}$ and $\frac{4}{24}$ are **equivalent fractions**.

True or false?



A true
B false

10

$\frac{1}{10}$ and $\frac{60}{600}$ are **equivalent fractions**.

True or false?

A true
B false





ANSWER KEY

A **ratio** compares two numbers using a fraction. The ratio of sunny days to cloudy days is **2 to 7**, so $\frac{2}{7}$ of the days were cloudy. **What fraction would represent the ratio of 5 cloudy days to 14 sunny days?**

- A $\frac{5}{7}$ B $\frac{5}{14}$ C $\frac{2}{5}$ D $\frac{7}{14}$



(b)

There were **5 green** apples in a bag of **12 green and red apples**. **The ratio of green apples to the total number would be ____.**

- A $\frac{5}{12}$ B $\frac{5}{7}$ C $\frac{2}{17}$ D $\frac{12}{17}$



(a)

On a beach, a child found **3 starfish** and **11 shells**. **What fraction represents the ratio of starfish to shells in the child's collection?**



(c)

Two different fractions can name the same amount. These are called **equivalent fractions**. For instance, $\frac{1}{3}$ and $\frac{3}{9}$ are equivalent fractions. **What is an equivalent fraction for $\frac{1}{6}$?**

- A $\frac{3}{9}$ B $\frac{3}{6}$ C $\frac{3}{3}$ D $\frac{8}{8}$

- A $\frac{6}{18}$ B $\frac{6}{12}$ C $\frac{3}{18}$ D $\frac{2}{18}$



(d)

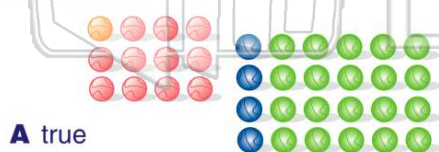


PREVIEW

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- A $\frac{1}{3}$ B $\frac{1}{2}$ C $\frac{1}{4}$ D $\frac{1}{6}$

$\frac{1}{12}$ and $\frac{4}{24}$ are **equivalent fractions**.
True or false?



- A true
B false

(b)

- A $\frac{9}{40}$ B $\frac{15}{24}$ C $\frac{15}{40}$ D $\frac{5}{10}$

$\frac{1}{10}$ and $\frac{60}{600}$ are **equivalent fractions**.
True or false?

- A true
B false



(a)