

BLUE - Tuesday

LO Use common factors to simplify fractions; use common multiples to express fractions in the same denominator.



Two of the fractions below are **equivalent**.

Circle them.

$$\frac{2}{3}$$

$$\frac{6}{10}$$

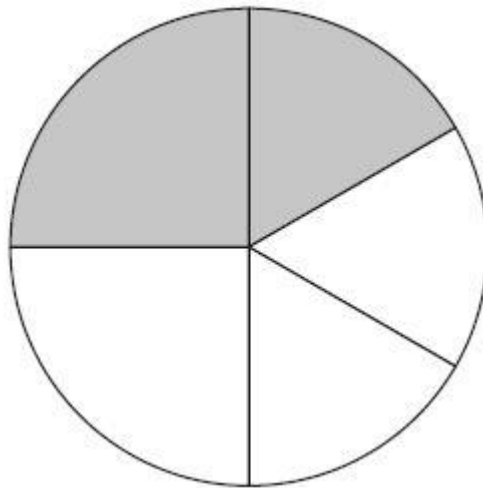
$$\frac{9}{12}$$

$$\frac{10}{15}$$

$$\frac{16}{20}$$



In this circle, $\frac{1}{4}$ and $\frac{1}{6}$ are shaded.



What fraction of the whole circle is **not** shaded?

BLUE - Wednesday

LO Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions.



Write the missing fraction.

$$\frac{1}{3} + \frac{1}{4} + \boxed{} = 1$$



(a) Write numbers in the boxes to make this fraction calculation correct.

$$\frac{1}{\boxed{}} + \frac{\boxed{}}{5} = \frac{7}{10}$$

(b) Now write two **different** numbers to make the calculation correct.

$$\frac{1}{\boxed{}} + \frac{\boxed{}}{5} = \frac{7}{10}$$

BLUE - Thursday

LO Multiply simple pairs of proper fractions, writing answer in its simplest form.



Here are five number cards.

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

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

$$2$$

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

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

Use **three** of the number cards to make this calculation correct.

$$\left(\boxed{} + \boxed{} \right) \times \boxed{} = 10$$



The length of a day on Earth is 24 hours.

The length of a day on Mercury is $58\frac{2}{3}$ times the length of a day on Earth.

What is the length of a day on Mercury, in **hours**?

BLUE - Friday

LO Divide proper fractions by whole numbers.



Five children shared 4 packs of sweets equally.

What fraction of a packet did they each receive?



Complete the number sentences.

$$\frac{3}{4} \div \boxed{} = \frac{3}{12}$$

$$\boxed{} \div 5 = \frac{2}{13}$$