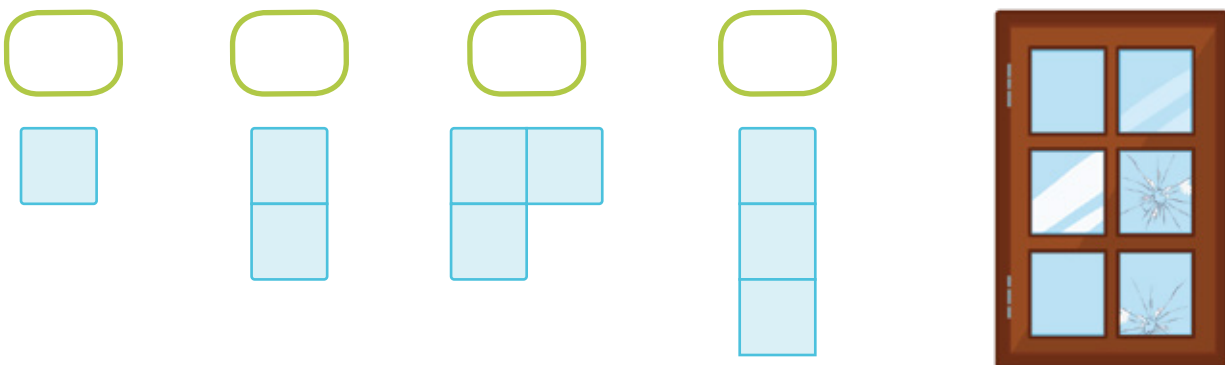


Understand equivalent fractions pictorially and represent them on the number line.

CCSS.MATH.CONTENT.3.NF.A.3 | G3M5C27

Many sections of the ancient temple of Arithmus have fallen apart over a period of time. Debbie and other archaeologists need your help to rebuild the structure.

- 1 Two-sixths of a window glass is broken. Check ☒ the correct box that represents the replacement for the broken parts of the window glass.



- 2 In order to work faster, they have divided themselves into 3 teams - Shovel, Hammer, and Spades. Team Shovel collected 2 of 7 equal parts of the marble stone required. Team Spades collected 4 of 14 equal parts of the marble stone, while team Hammer collected 6 of 21 equal parts of the marble stone. Observe the figures and write your answers in the boxes given below.



Fraction of marble collected by Team Shovel = $\frac{\boxed{}}{\boxed{}}$

Fraction of marble collected by Team Shade = $\frac{\boxed{}}{\boxed{} \boxed{}}$

Fraction of marble collected by Team Hammer = $\frac{\boxed{}}{\boxed{} \boxed{}}$

Which team collected the largest portion of marble. Explain your answer with a reason.

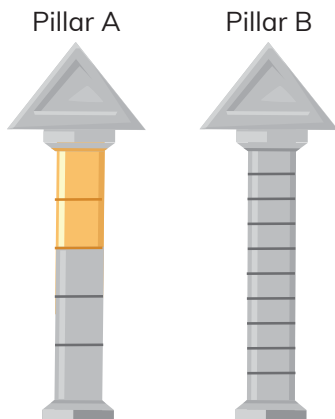
Understand equivalent fractions pictorially and represent them on the number line.

CCSS.MATH.CONTENT.3.NF.A.3 | G3M5C27

The archaeologists are now working on the pillars of the monument. They have to check the carpet, and decorate the pillars and the engravings on them.

3

2 of 5 equal parts of Pillar A are made up of gold. Pillar B, the same size as Pillar A, is divided into 10 equal parts. How many parts of Pillar B should be made of gold so that both the pillars look the same? Write your answer in the boxes given below.



Total number of divisions on Pillar B =

Fraction of gold in Pillar B =

4

3 of the 6 equal parts on a carpet are hand-printed. If the carpet is divided into 24 equal parts, what fraction of the carpet will be hand-printed? Write your answer in the boxes given below.

Fraction of the carpet that is hand-printed when it is divided into 6 equal parts.

Fraction of the carpet that will be hand-printed when it is divided into 24 equal parts.



5

A pillar is engraved with 12 animal designs and 8 floral designs. What fraction of the engravings are in animal designs? Check ☒ the correct box.

☐ $\frac{8}{20}$
☐ $\frac{12}{8}$
☐ $\frac{12}{20}$
☐ $\frac{8}{12}$

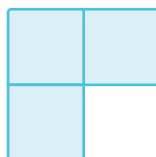

Understand equivalent fractions pictorially and represent them on the number line.

CCSS.MATH.CONTENT.3.NF.A.3 | G3M5C27

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2

In order to work faster, they have divided themselves into 3 teams - Shovel, Hammer, and Spades. Team Shovel collected 2 of 7 equal parts of the marble stone required. Team Spades collected 4 of 14 equal parts of the marble stone, while team Hammer collected 6 of 21 equal parts of the marble stone. Observe the figures and write your answers in the boxes given below.



Fraction of marble collected by Team Shovel = $\frac{2}{7}$

Fraction of marble collected by Team Shade = $\frac{4}{14}$

Fraction of marble collected by Team Hammer = $\frac{6}{21}$

Which team collected the largest portion of marble. Explain your answer with a reason.

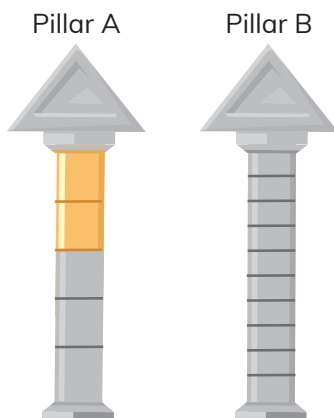
Understand equivalent fractions pictorially and represent them on the number line.

CCSS.MATH.CONTENT.3.NF.A.3 | G3M5C27

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3

2 of 5 equal parts of Pillar A are made up of gold. Pillar B, the same size as Pillar A, is divided into 10 equal parts. How many parts of Pillar B should be made of gold so that both the pillars look the same? Write your answer in the boxes given below.



Total number of divisions on Pillar B =

1	0
---	---

4

Fraction of gold in Pillar B =

1	0
---	---

4

3 of the 6 equal parts on a carpet are hand-printed. If the carpet is divided into 24 equal parts, what fraction of the carpet will be hand-printed? Write your answer in the boxes given below.

Fraction of the carpet that is hand-printed when it is divided into 6 equal parts.

3
6

Fraction of the carpet that will be hand-printed when it is divided into 24 equal parts.

1	2
2	4



5

A pillar is engraved with 12 animal designs and 8 floral designs. What fraction of the engravings are in animal designs? Check ☒ the correct box.

<input type="checkbox"/>	$\frac{8}{20}$
--------------------------	----------------

<input type="checkbox"/>	$\frac{12}{8}$
--------------------------	----------------

<input checked="" type="checkbox"/>	$\frac{12}{20}$
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<input type="checkbox"/>	$\frac{8}{12}$
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