

Activity 8: Common Fractions

Section A : Use the Fraction mat to find the equivalent fraction.

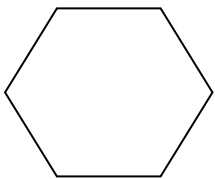
1 whole							
$\frac{1}{2}$				$\frac{1}{2}$			
$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$	
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$

- a) 1 whole = eighths
- b) 1 whole = quarters
- c) 1 half = quarters
- d) 1 half = eighths
- e) 1 whole = halves
- f) 6 eighths = quarters

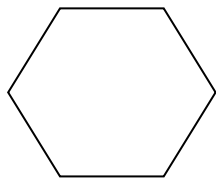
Section B: Use the above fraction mat to find the equivalent fraction.

- a) $\frac{3}{4} = \frac{\text{input}}{8}$
- b) $\frac{1}{2} = \frac{\text{input}}{8}$
- c) $\frac{\text{input}}{4} = \frac{\text{input}}{2}$
- d) $\frac{4}{4} = \frac{\text{input}}{2}$

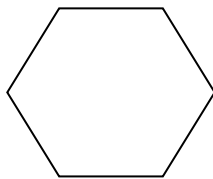
Section C: Divide the hexagon below as instructed, then find the equivalent fraction.



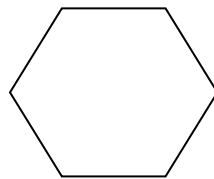
halves



thirds



quarters

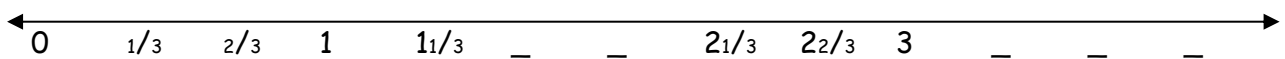


sixths

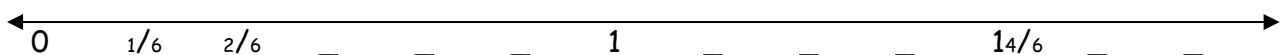
- a) $\frac{3}{6} = \frac{\text{input}}{2}$
- b) $\frac{1}{3} = \frac{\text{input}}{6}$
- c) $\frac{\text{input}}{4} = \frac{6}{6}$
- d) $\frac{3}{3} = \frac{\text{input}}{\text{input}}$

Section D: Complete the number lines below:

a) Count in thirds:



b) Count in sixths:



Activity 9: Common Fractions

1 whole							
$\frac{1}{2}$							
$\frac{1}{3}$							
$\frac{1}{4}$							
$\frac{1}{6}$							
$\frac{1}{8}$							

Section A: Use the Fraction Mat to order the fractions from smallest to biggest.

a) $\frac{1}{3}; \frac{1}{2}; \frac{1}{4}$ _____ b) $\frac{1}{8}; \frac{1}{3}; \frac{1}{6}$ _____

a) $\frac{1}{2}; \frac{1}{8}; \frac{1}{4}$ _____ b) $\frac{4}{8}; \frac{2}{3}; \frac{2}{6}$ _____

Section B: Fill in <, >, or =

a) $\frac{1}{2} * \frac{1}{6}$

f) $\frac{4}{6} * \frac{1}{3}$

b) $\frac{5}{6} * \frac{5}{8}$

g) $\frac{2}{6} * \frac{2}{8}$

c) $\frac{1}{3} * \frac{2}{6}$

h) $\frac{4}{4} * \frac{6}{6}$

d) $\frac{1}{2} * \frac{4}{6}$

i) $\frac{2}{8} * \frac{4}{8}$

e) $\frac{3}{4} * \frac{6}{8}$

j) $\frac{5}{6} * \frac{3}{6}$

Section C: Use the fraction mat to add these fractions.

a) $\frac{1}{3} + \frac{1}{3} =$ _____

f) $\frac{2}{6} + \frac{3}{6} =$ _____

b) $\frac{1}{6} + \frac{2}{6} =$ _____

g) $\frac{1}{4} + \frac{1}{4} =$ _____

c) $\frac{3}{6} + \frac{3}{6} =$ _____

h) $\frac{1}{8} + \frac{7}{8} =$ _____

d) $\frac{2}{4} + \frac{1}{4} =$ _____

i) $\frac{4}{8} + \frac{3}{8} =$ _____

e) $\frac{3}{8} + \frac{3}{8} =$ _____

j) $\frac{3}{3} + \frac{2}{3} =$ _____

Section D: Problem Solving

a) Twenty four chocolate sweets are shared among six children. How many sweets will each child get? _____

b) What fraction of the sweets did each child get? _____