1) Order the fractions in ascending order.

$\frac{1}{2}$ ⬜⬜ _____

$\frac{1}{6}$ ⬜ _____

$\frac{1}{8}$ ⬜ _____

$\frac{1}{3}$ ⬜ _____

2) Order the fractions in descending order.

$\frac{1}{6}$ ⬜ _____

$\frac{1}{9}$ ⬜ _____

$\frac{1}{4}$ ⬜ _____

$\frac{1}{7}$ ⬜ _____
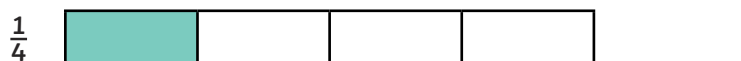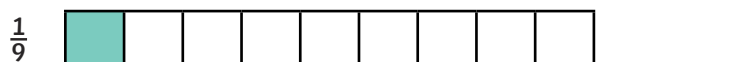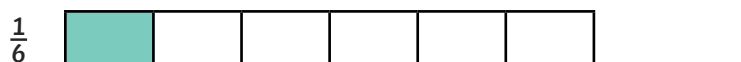
3) The fractions in this set are in descending order.
What could the missing numerators be?
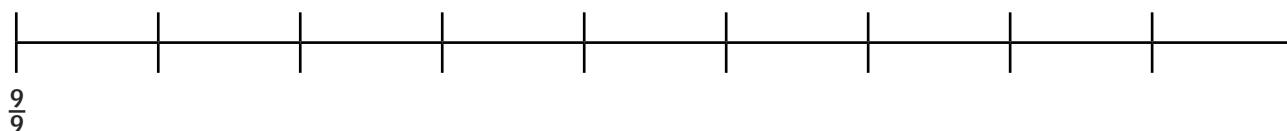Find one possibility for each.

$\frac{6}{10}$ $\frac{\square}{10}$ $\frac{2}{10}$ $\frac{\square}{10}$

4) The fractions in this set are in ascending order.
What could the missing fraction be?
Write all the possibilities.

$\frac{2}{8}$ $\frac{4}{8}$ $\frac{\square}{\square}$ $\frac{\square}{\square}$ $\frac{\square}{\square}$ $\frac{8}{8}$

5) Order the fractions on a number line in descending order.

$\frac{4}{9}$ $\frac{6}{9}$ $\frac{8}{9}$ $\frac{2}{9}$ $\frac{0}{9}$ $\frac{3}{9}$

$\frac{9}{9}$

1) In this set, the fractions are written in descending order.

James

One of the missing numerators in the set could be 2.
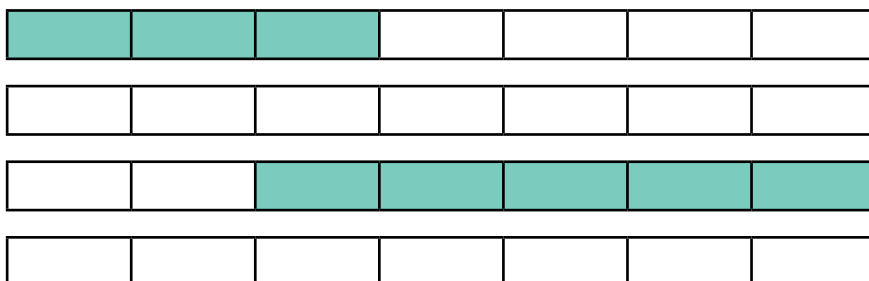
$$\frac{9}{9} \quad \frac{\square}{9} \quad \frac{5}{9} \quad \frac{\square}{9} \quad \frac{1}{9}$$

Do you agree with James? Explain your reasoning.

_____

_____

_____

2) a) Shade the blank bars so the fractions shown are in ascending order.
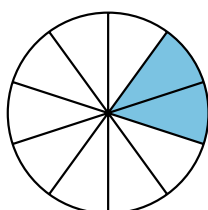
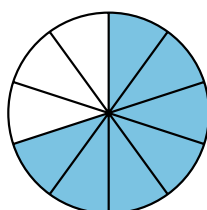**b)** Is there only one way to shade the final fraction in the set? Explain your reasoning.

_____

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_____

3) Which fraction does not belong in the set? Explain your reasoning.
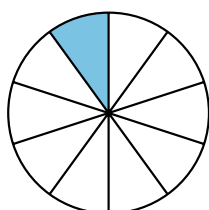
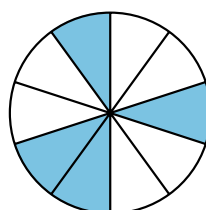A   B   C   D   E
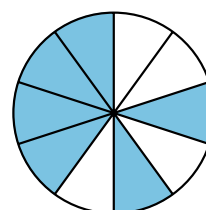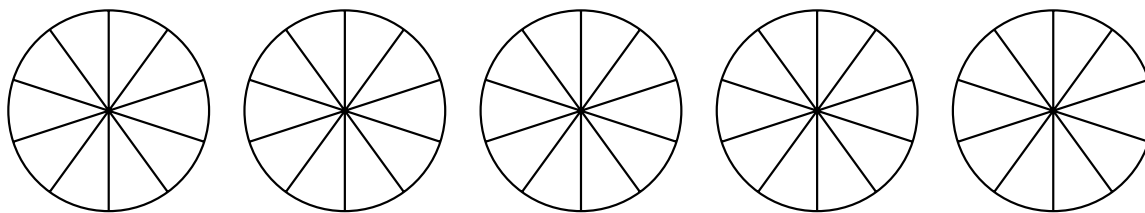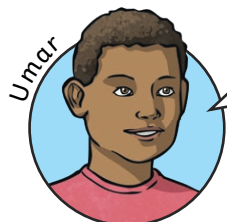
_____

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1) Shade each circle so that the fractions shown are in descending order.

2) Two friends are discussing fractions.

Umar: If fractions have the same numerator, the higher the denominator, the larger the fraction.

Sara: If fractions have the same denominator, the higher the numerator, the larger the fraction.

Which of the two friends do you agree with? Use reasoning and examples to explain your answer.

_____

_____

_____

3) Roll a 0-9 dice 4 times and record the fractions you roll. For example, if you roll a 1, your fraction would be $\frac{2}{9}$. If you roll a 0, then roll again. Order your fractions in ascending order. Repeat and investigate the different ascending sets of fractions you can make.

2	1	4	5	7	9	8	3	6
$\frac{1}{9}$	$\frac{2}{9}$	$\frac{1}{3}$	$\frac{6}{9}$	$\frac{1}{10}$	$\frac{8}{9}$	$\frac{1}{2}$	$\frac{4}{9}$	$\frac{7}{9}$