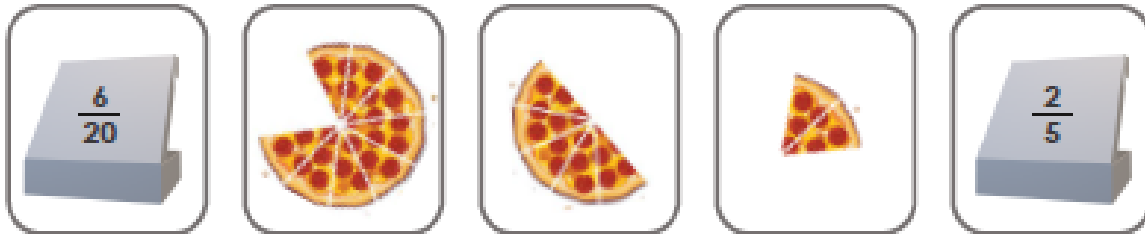


Order Fractions

1. Sam has a pizzeria. Each pizza he sells is split into 10 equal slices.

Sam has ordered his pizzas in descending order according to the number of slices left. Some pizzas are hidden inside the pizza boxes, but he has written the fraction left on the outside to help him remember.



Has Sam ordered his pizzas correctly? Using your knowledge of equivalent fractions, explain your answer.

DP

2. How many ways can you complete the missing fractions below?

$$\frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square}$$

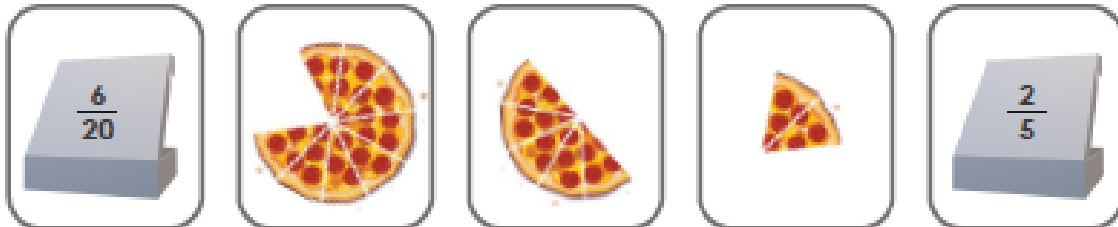
Each fraction must have a different denominator that is a multiple of 3.

DP

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Sam is incorrect because he has not found a common denominator before ordering the fractions, instead he has presumed that a bigger denominator means that more slices are left. The correct order is:

$$\frac{8}{10} > \frac{5}{10} > \frac{2}{5} > \frac{6}{20} > \frac{2}{10}$$

DP

2. How many ways can you complete the missing fractions below?

Various possible answers, for example:

$$\frac{1}{3} < \frac{3}{6} < \frac{8}{9}$$

Each fraction must have a different denominator that is a multiple of 3.

DP