

## Fractions to Percentages

Isabelle has a range of fractions and percentages written on different cards.

When converted to percentages, she has created 3 different groups of cards which total 100% containing no more than 3 cards. Not all of the cards need to be used.

Card A

2%

Card B

16%

Card C

32%

Card D

$$\frac{2}{5}$$

Card E

2%

Card F

$$\frac{3}{10}$$

Card G

$$\frac{2}{20}$$

Card H

$$\frac{17}{25}$$

Card I

$$\frac{2}{4}$$

Card J

$$\frac{17}{50}$$

Card K

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

Card L

18%

Card M

10%

Card N

$$\frac{50}{100}$$

Explore the different possible combinations of cards she could have placed in each group.

Is it possible to make a group containing four or more cards to total 100%?

## Fractions to Percentages

Isabelle has a range of fractions and percentages written on different cards.

When converted to percentages, she has created 3 different groups of cards which total 100% containing no more than 3 cards. Not all of the cards need to be used.

Card A 2%	Card B 16%	Card C 32%	Card D 40%	Card E 2%	Card F 30%	Card G 10%
Card H 68%	Card I 50%	Card J 34%	Card K 50%	Card L 18%	Card M 10%	Card N 50%

Explore the different possible combinations of cards she could have placed in each group.

Various answers, for example:

Group 1: Cards A, H and F; Group 2: Cards B, J and K; Group 3: Cards I and N

Is it possible to make a group containing four or more cards to total 100%?

Various answers, for example: Cards C, D, L and M