



5th March

Calculate the cube of 6

$$6^3 = 216$$

Calculate

$$2^4 \quad 2 \times 2 \times 2 \times 2 = 16$$

Drink	Snack
Tea	Muffin
Coffee	Brownie
Juice	Crisps
	Pastry

Beth has one drink and one snack.

Write down all the possible combinations.

TM    CM    JM  
 TB    CB    JB  
 TC    CC    JC  
 TP    CP    JP

$$\frac{3}{4} - \frac{2}{5} \quad \frac{15}{20} - \frac{8}{20}$$

$$\frac{7}{20}$$

A football team wins  $\frac{3}{8}$  of their matches in a seasonThe same team loses  $\frac{1}{3}$  of their matches.

Show that the team win more matches than they lose.

$$\frac{3}{8} = \frac{9}{24} \quad \text{or } 0.375$$

$$\frac{1}{3} = \frac{8}{24} \quad \text{or } 0.333\dots$$

$$\frac{3}{8} > \frac{1}{3}$$

James has received two job offers.  
 A job in Milan which pays €55,000 a year.  
 A job in Boston which pays \$64,000 a year.

The exchange rates were £1 = \$1.42  
 and £1 = €1.25.

Which job offer has the highest salary?

$$55000 \div 1.25 = \pounds 44000$$

$$64000 \div 1.42 = \pounds 45070.42$$

Boston  
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