



Work out $180 - 2 \times 5^2$

$$180 - 2 \times 25$$

$$180 - 50$$

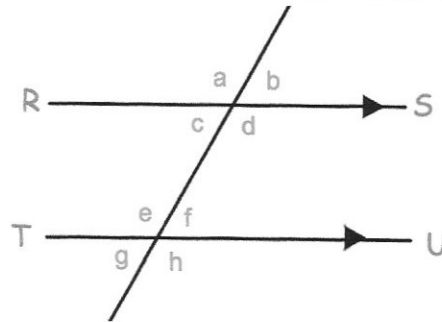
$$130$$

Work out $\frac{4}{5} - \frac{1}{3}$

$$\frac{12}{15} - \frac{5}{15} = \frac{7}{15}$$

Which angle is vertically opposite to angle g ?

f



Jack completes a journey in 2 stages.

In stage 1, Jack drives at 60 mph for 1 hour 45 minutes. — 1.75 hrs

How far does he travel in stage 1?

$$60 \times 1.75 = 105 \text{ miles}$$

Altogether Jack travels 120 miles in 2 hours 30 minutes.

What is his average speed in stage 2?

$$120 - 105 = 15 \text{ miles}$$

45 minutes

~~120 - 105 = 15 miles~~
~~45 minutes~~

$$15 \div 0.75 = 20 \text{ mph}$$