Quick Wits 2 higher

A

1) Rationalise the denominator

a) $\frac{1}{\sqrt{7}}$

b) $\frac{7}{3\sqrt{7}}$

D

2) Work out

a) $\frac{3}{5} \times \frac{2}{3}$

b) $\frac{4}{7} \div \frac{2}{5}$

C

3)Salad dressing is made from oil and vinegar in the ratio 3:1.

a) How much oil is needed to make 100ml of salad dressing?

b) How much salad dressing can you make if you have plenty of oil but only 20ml of vinegar?

B

4)Solve $\frac{2x-3}{3} + \frac{x-1}{6} = 3$

C/B

5) What is the nth term rule of 7, 11, 15, 19

b) 1, 4, 9, 16

B

6)Kylie had a 10% pay rise she is now paid £330. How much was she paid before the rise?