X means of

16% X 240

Find 10% = 24

Find 5% = 12

Find 1% = 2.4

24 + 12 +2.4 = 38.4

What actually needs to be done?

(37 X 6) - (32 X 6) =

37-32 = 5

All we need to do is 5 X 6 = 30

8 X 7 ¼

8 X 7 = 56

¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ OR

8 X 1 (the numerator) = 8/4

8/4 = 2

56 + 2 = 58

Year 6

Times Tables Knowledge Organiser

2/3 X 2400

Make 2400 100 times smaller

24 ÷ 3 (the denominator) = 8

1/3 = 8

8 X 2 (the numerator) = 16

2/3 = 16

Make 16 100 times bigger

16 X 100 = 1600

Make one side 10 times bigger and the other side 10 times smaller

0.2 X 90 → (2 X 9)

0.4 X 50 → (4 X 5)

60 X 0.7 → (6 X 7)

Be efficient - make it easy for yourself

9 X 52 (10X52 = 520, then - 52 = 468)

3 X 24 (3X25 = 75, then -3 = 72)

Make each number 100 times smaller, then make the answer 100 times bigger

300 X 700 (3 X 7 = 21, 21 X 100 = 2100)

400 X 800 (4 X 8 = 32, 32 X 100 = 3200

500 X 900 (5 X 9 = 45, 45 X 100 = 4500)