Multiples of 10, 100 and 1,000

White Rose MATHS

1 Mo is multiplying numbers by 20



a) Use Mo's method to complete the multiplication sentences.

7 × 20 = ☐

12 × 20 = ☐

20 × 134 = ☐

b) Would you get the same answer if you multiplied by 10 first and then by 2? ____

Give an example.

_____

_____

2 Complete the sentences.

a) To multiply by 50, you multiply by 5 first and then by ☐

b) To multiply by 200, you multiply by ☐ first and then by ☐

c) To multiply by 7,000 you multiply by ☐ first and then by ☐

3 Complete the multiplication sentences.

Show all the steps in your thinking.

a) 7 × 500 = ☐

b) 6,000 × 8 = ☐

c) 300 × 90 = ☐

d) 500 × 300 = ☐

4 Complete the calculations.

a) 300 × ☐ = 9,000

b) 6,000 × ☐ = 18,000

c) 700 × ☐ = 28,000

d) ☐ × 90 = 27,000

e) 500 × 60 = ☐

f) 8,000 × ☐ = 720,000

5

42 × 3 = 126

Use this fact to solve the calculations.

a) 42 × 30 = ☐

b) 420 × 3 = ☐

c) 300 × 42 = ☐

d) 42 × 3,000 = ☐