



Deepen Activities

1 Is each of these number sentences correct? Explain how you know.

$$16 \times 0 = 32 \times 0$$

$$2 \times 3 \times 0 = 2 \times 0 \times 3$$

$$0 \times 0 = 1,000 \times 0$$

$$28 \times 0 = 28 \times 1$$

$$80 \times 1 = 80 \div 1$$

$$10 \times 1 \times 4 = 20 \times 2 \div 1$$

$$1 \times 7 \times 9 = 63 \div 1$$

$$100 \div 1 = 2 \times 0 \times 50$$

Make up some number sentences of your own for a partner to solve.

I used what I know about multiplying and dividing by 0 and 1 to solve these.



2 Complete the statements:

$$6 \times 3 = 36 \div \square$$

$$8 \times 4 = 64 \div \square$$

$$40 \div 2 = 4 \times \square$$

$$3 \times 3 = 18 \div \square$$

$$13 \times 6 = (10 \times 6) + (\square \times 6)$$

$$15 \times 7 = (10 \times 7) + (\square \times 7)$$

3 a) Which of these are multiples of 3?

9, 13, 19, 24, 31, 36, 60, 120, 300

b) Which of these are multiples of 4?

4, 14, 24, 40, 48, 64, 100, 140, 160

c) Which of these are multiples of 6?

12, 17, 32, 48, 60, 66, 122, 360, 606

Explain how you know.