

5/2/21

## Maths Tasks

Use the simple division fact to work out the answer to the other division calculations.

### Blue Challenge

Firstly, solve the simple division fact. In the second calculation, the dividend is 10x as big so the quotient (answer) needs to be 10x as big too.

$$10 \div 5 = 2$$
$$100 \div 5 = 20$$

$$8 \div 2 = 4$$
$$80 \div 2 = 40$$

$$14 \div 2 = 7$$
$$140 \div 2 = 70$$

$$20 \div 5 = 4$$
$$200 \div 5 = 40$$

$$30 \div 10 = 3$$
$$300 \div 10 = 30$$

$$25 \div 5 = 5$$
$$250 \div 5 = 50$$

$$60 \div 10 = 6$$
$$600 \div 10 = 60$$

$$80 \div 10 = 8$$
$$800 \div 10 = 80$$

$$24 \div 2 = 12$$
$$240 \div 2 = 120$$

$$35 \div 5 = 7$$
$$350 \div 5 = 70$$

### Green Challenge

Firstly, solve the simple division fact. In the second calculation, the dividend is 10x as big so the quotient (answer) needs to be 10x as big too.

$$18 \div 3 = 6$$
$$180 \div 3 = 60$$

$$28 \div 4 = 7$$
$$280 \div 4 = 70$$

$$32 \div 8 = 4$$
$$320 \div 8 = 40$$

$$36 \div 4 = 9$$
$$360 \div 4 = 90$$

$$56 \div 8 = 7$$
$$560 \div 8 = 70$$

Now, in the second calculation, the divisor is 10x as big so the quotient needs to be 10x smaller.

$$60 \div 2 = 30$$
$$60 \div 20 = 3$$

$$100 \div 5 = 20$$
$$100 \div 50 = 2$$

$$150 \div 3 = 50$$
$$150 \div 30 = 5$$

$$800 \div 4 = 200$$
$$800 \div 40 = 20$$

$$500 \div 5 = 100$$
$$500 \div 50 = 10$$

$$3000 \div 10 = 300$$
$$3000 \div 100 = 30$$

### White Challenge

To solve each calculation, think of a simple division fact that can help you first before finding the answer.

$$180 \div 6 = 30$$

$$960 \div 8 = 120$$

$$180 \div 30 = 6$$

$$840 \div 7 = 120$$

$$360 \div 40 = 9$$

$$630 \div 70 = 9$$

$$720 \div 12 = 60$$

$$3600 \div 9 = 400$$

$$8800 \div 220 = 40$$

$$6800 \div 200 = 34$$

$$4800 \div 6 = 800$$

$$6400 \div 8 = 800$$

$$55000 \div 11 = 5000$$

$$35000 \div 700 = 50$$

$$48000 \div 12 = 4000$$

$$49000 \div 7 = 7000$$

Work out the missing numbers from these calculations.

$$900 \div 300 = 3$$

$$250 \div 50 = 5$$

$$7500 \div 150 = 50$$

$$800 \div 20 = 40$$

$$6000 \div 30 = 200$$

$$6200 \div 20 = 310$$

$$350 \div 50 = 7$$

$$8000 \div 400 = 20$$

$$480000 \div 200 = 2400$$

$$9000 \div 500 = 18$$