

## T5L1resource1

### 1-2-5-10 tables, cards A to D

Note: to save card, two duplicate sets are shown here

#### Card A: $14 \times 19$

lots of 19	
1	19
2	38
5	95
10	190

$$190 + 38 + 38 = 266$$

#### Card B: $14 \times 19$

lots of 14	
1	14
2	28
5	70
10	140

$$140 + 70 + 28 + 28 = 266$$

#### Card C: $14 \times 19$

lots of 14	
1	14
2	28
5	70
10	140

$$140 + 140 - 14 = 266$$

#### Card D: $14 \times 19$

lots of 19	
1	19
2	38
5	95
10	190

$$190 + 95 - 19 = 266$$

#### Card A: $14 \times 19$

lots of 19	
1	19
2	38
5	95
10	190

$$190 + 38 + 38 = 266$$

#### Card B: $14 \times 19$

lots of 14	
1	14
2	28
5	70
10	140

$$140 + 70 + 28 + 28 = 266$$

#### Card C: $14 \times 19$

lots of 14	
1	14
2	28
5	70
10	140

$$140 + 140 - 14 = 266$$

#### Card D: $14 \times 19$

lots of 19	
1	19
2	38
5	95
10	190

$$190 + 95 - 19 = 266$$

Use the 1-2-5-10 tables to work out the answers.

**16 × 13**

lots of 13	
1	13
2	26
5	65
10	130

**13 × 16**

lots of 16	
1	16
2	32
5	80
10	160

**17 × 14**

lots of 14	
1	
2	
5	
10	

**17 × 14**

lots of 17	
1	
2	
5	
10	

**32 × 11**

lots of .....	
1	
2	
5	
10	

**16 × 400**

lots of .....	
1	
2	
5	
10	

Use the 1-2-5-10 tables to work out the answers.

**16 × 13**

lots of 13	
1	13
2	26
5	65
10	130

**13 × 16**

lots of 16	
1	
2	
5	
10	

**17 × 14**

lots of .....	
1	
2	
5	
10	

**32 × 11**

lots of .....	
1	
2	
5	
10	

**16 × 400**

lots of .....	
1	
2	
5	
10	

**16% of 400**

of 400	
1%	
2%	
5%	
10%	

Use the 1-2-5-10 tables to work out the answers.

**17 × 14**

lots of .....	
1	
2	
5	
10	

**32 × 11**

lots of .....	
1	
2	
5	
10	

**16 × 400**

lots of .....	
1	
2	
5	
10	

**16% of 400**

of 400	
1%	
2%	
5%	
10%	

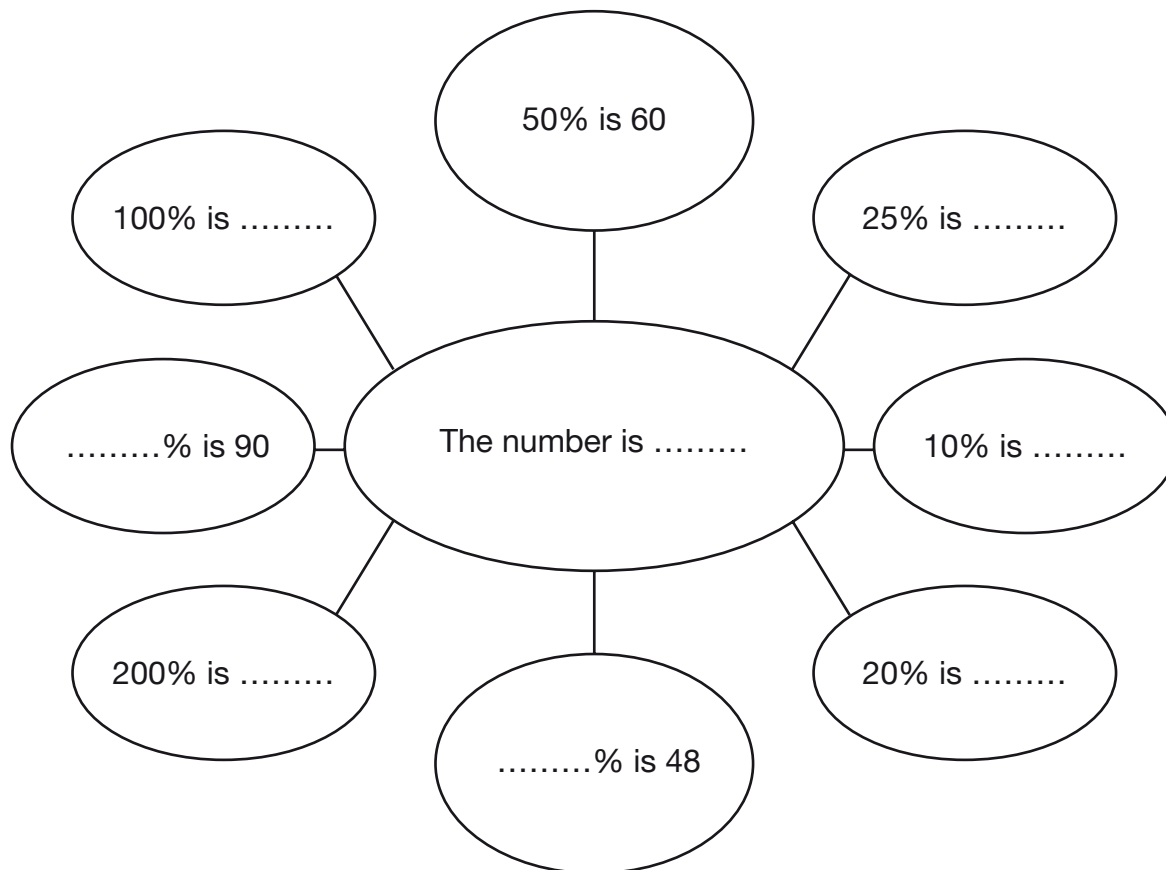
**14% of 30**

of .....	
1%	
2%	
5%	
10%	

**27.5% of 92**

of .....	
1%	
2%	
5%	
10%	

1. Fill in the missing numbers and percentages.



2. On a separate sheet of paper, do your own percentage web diagram.  
Start by writing **'The number is 36'** in the middle of your web.  
Then write some of your own percentage facts for the number 36.

## T5L2assess2

### What's missing? sheet 2

Name: \_\_\_\_\_

Fill in the missing numbers.

50% of it is 40 → the number is .....

200% of it is 30 → the number is .....

20% of it is 8 → the number is .....

40% of it is 28 → the number is .....

150% of it is 36 → the number is .....

25% of it is ..... ← the number is 52

.....% of it is 40 ← the number is 200

11% of it is ..... ← the number is 150

.....% of it is 77 ← the number is 44

90% of it is ..... ← the number is 0.1

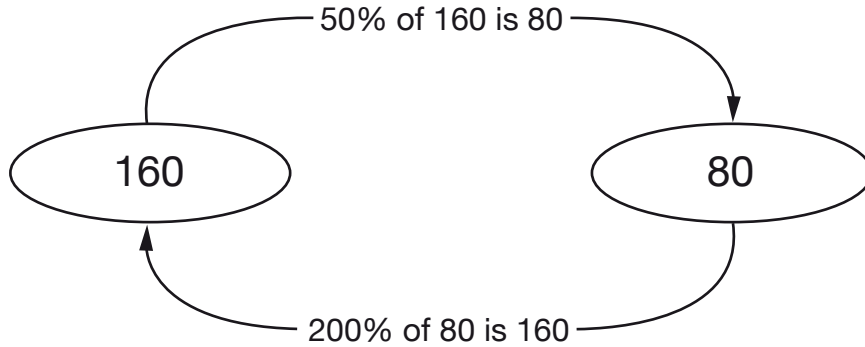
### The number is 38

On a separate sheet of paper, write different percentage facts for the number 38. Remember to write your name on your paper.

**Doing and undoing**

Name: \_\_\_\_\_

Look at this diagram.



Does finding 200% of a number always 'undo' finding 50% of a number?  
How do you know?  
Hint: you may find it helpful to write 50% as a fraction.

How do you 'undo' finding 25% of a number? ..... or 20%? ..... or  $33\frac{1}{3}\%$ ?

Each of the percentages used so far can be written as a fraction with a numerator of 1  
How do you undo percentages that cannot be written as a fraction with a numerator of 1?

For example: 80%, 30%,  $66\frac{2}{3}\%$ ,  $150\%$  and so on.

Continue on a separate sheet of paper. Remember to write your name on it.