

Revision of Algebra

1. What **number** does the \bigcirc stand for in each of these equations :-

- | | | |
|---------------------------------|-----------------------------------|-----------------------------------|
| a $8 - \bigcirc = 2$ | b $3 + \bigcirc = 10$ | c $18 - \bigcirc = 11$ |
| d $9 + \bigcirc = 17$ | e $2 \times \bigcirc = 12$ | f $3 \times \bigcirc = 15$ |
| g $\bigcirc - 8 = 14$ | h $\bigcirc + 10 = 24$ | i $\bigcirc - 9 = 17$ |
| j $\bigcirc + 5 = 32$ | k $\bigcirc \times 3 = 21$ | l $\bigcirc \times 2 = 18$ |
| m $14 + \bigcirc = 28$ | n $\bigcirc - 15 = 20$ | o $\bigcirc \div 2 = 7$ |
| p $33 \div 3 = \bigcirc$ | q $\bigcirc \div 3 = 9$ | r $\bigcirc \div 2 = 100$ |

2. **Copy** the following and put in a **+**, **-**, **x** or **÷** to make the equation true.

- | | | |
|----------------------------|-----------------------------|-----------------------------|
| a $7 \dots 6 = 1$ | b $4 \dots 7 = 11$ | c $2 \dots 7 = 14$ |
| d $27 \dots 3 = 9$ | e $9 \dots 18 = 27$ | f $23 \dots 8 = 15$ |
| g $8 \dots 2 = 16$ | h $7 \dots 3 = 21$ | i $7 \dots 7 = 1$ |
| j $20 \dots 2 = 10$ | k $40 \dots 13 = 53$ | l $40 \dots 12 = 28$ |
| m $2 \dots 12 = 24$ | n $30 \dots 3 = 90$ | o $40 \dots 2 = 20$ |
| p $60 \dots 3 = 20$ | q $50 \dots 19 = 69$ | r $60 \dots 2 = 120$ |

3. Here are 10 calculations.

Match them into the correct **5 pairs** with an **=** sign between them.

| | | | |
|--------|---------|--------|---------|
| 8 x 3 | 22 - 10 | 21 ÷ 3 | 18 ÷ 2 |
| 27 ÷ 3 | 18 - 11 | 15 + 9 | 26 + 24 |
| | 6 x 2 | 25 x 2 | |