

To choose correct operation for equations

Steps to Success:

- 1) Look carefully at the answer
- 2) If it is bigger than the numbers in the question, then it is probably + or \times .
- 3) If it is smaller, it is probably \div or -

Vocabulary

Operation (+ - \div \times)

Equation

Try to work out the equations for these sequences. Test it by replacing n with the number in the sequence:

TIPS: Work out the multiplication steps first (in brackets), then if it is $-$ or $+$.

5, 9, 13, 17, 21, 25 eg: $(n \times 4) + 1$

8, 15, 22, 29, 36

3, 8, 13, 18, 23, 28

13, 23, 33, 43, 53

7, 16, 25, 34, 43

Replace the shape with the missing information. Write the missing information in your books *in a different colour*.

$$1) 8 - 4 = 4$$

$$2) 15 \blacktriangle 3 = 5$$

$$3) 12 \blacktriangle 9 = 21$$

$$4) 16 \blacktriangle 4 = 4$$

$$5) 46 \blacktriangle 20 = 26$$

$$6) 23 \blacktriangle 17 = 40$$

$$7) 36 \blacktriangle 6 = 6$$

$$8) 45 \div \blacktriangle = 9$$

$$9) 12 \times \blacktriangle = 36$$

$$10) 55 - \blacktriangle = 40$$

$$11) 60 \blacktriangle 12 = 5$$

$$12) \blacktriangle - 30 = 45$$

$$13) \blacktriangle \times 5 = 35$$

$$14) \blacktriangle \div 4 = 9$$

$$15) \blacktriangle + 20 = 63$$

$$16) \blacktriangle \div 5 = 8$$

$$17) \blacktriangle - 30 = 90$$

$$18) \blacktriangle + 40 = 130$$

$$19) \blacktriangle \times 6 = 66$$

$$20) \blacktriangle \times 8 = 56$$

$$21) \blacktriangle \div 12 = 12$$

Now check your answers with a calculator