

I can understand and use distributive law

*Distributive law helps us to answer multiplication questions by breaking down large numbers into smaller numbers.*

For example:  $26 \times 7$

The difficulty here is the number 26, we know our 7 times table!

We know that 26 is made up of 20 and 6 because  $20 + 6 = 26$

$$\begin{aligned} \text{So we write: } & 26 \times 7 \\ & = (20 + 6) \times 7 \\ & = (20 \times 7) + (6 \times 7) \\ & = 140 + 42 \\ & = 182 \end{aligned}$$

Follow the principles of distributive law for the following questions:-

- |                   |                   |
|-------------------|-------------------|
| 1) $24 \times 8$  | 11) $27 \times 8$ |
| 2) $34 \times 6$  | 12) $26 \times 9$ |
| 3) $13 \times 4$  | 13) $29 \times 6$ |
| 4) $27 \times 9$  | 14) $34 \times 4$ |
| 5) $32 \times 8$  | 15) $28 \times 9$ |
| 6) $54 \times 7$  | 16) $29 \times 8$ |
| 7) $17 \times 6$  | 17) $38 \times 8$ |
| 8) $28 \times 4$  | 18) $26 \times 7$ |
| 9) $28 \times 7$  | 19) $37 \times 6$ |
| 10) $36 \times 4$ | 20) $36 \times 6$ |

