

Double and halve to multiply

Make each product easier to find: double one factor and halve the other.

Example

$$15 \times 12 = 30 \times 6 = 180$$

double

halve

Double one factor and halve the other. The product stays the same, and it is easier!

① Double the factor that ends in 5. Halve the other factor.

Problem	Double	Halve	Product
1. 35×8	$=$	$\times$	$=$
2. 45×6	$=$	$\times$	$=$
3. 15×14	$=$	$\times$	$=$
4. 25×12	$=$	$\times$	$=$
5. 5×18	$=$	$\times$	$=$
6. 65×4	$=$	$\times$	$=$

② Double and halve two times to reach an easy fact.

$$7. \quad 25 \times 16 = \square \times \square = \square \times \square = \square$$

$$8. \quad 5 \times 28 = \square \times \square = \square \times \square = \square$$

$$9. \quad 15 \times 24 = \square \times \square = \square \times \square = \square$$