

Mathematics

Unit 3 Multiplication and division

Multiplying three 1-digit numbers.

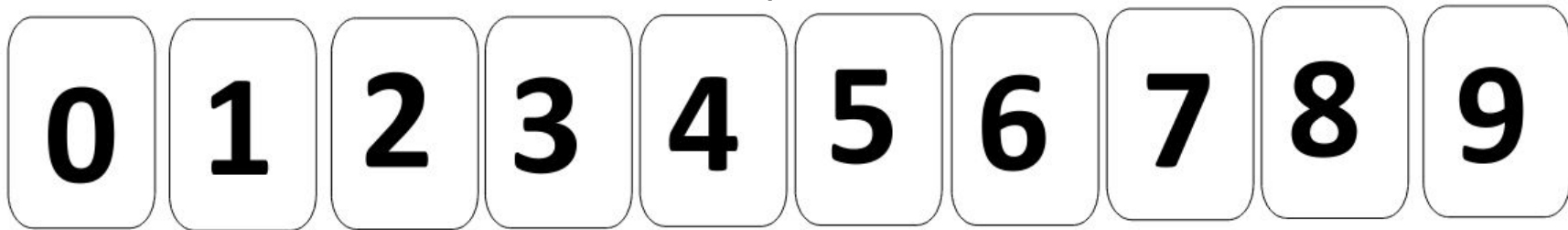
Independent Task

Miss Thomas



Independent Task

Create three 1-digit multiplication equations. Use the associative law to solve the equation.



1. _____ x _____ x _____ = _____
2. _____ x _____ x _____ = _____
3. _____ x _____ x _____ = _____
4. _____ x _____ x _____ = _____

Independent Task

Solve the multiplication calculations. Explain each step using the key vocabulary below.

ones

tens

hundreds

multiply

regroup

$$\begin{array}{r} 162 \\ \times \quad 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 328 \\ \times \quad 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 141 \\ \times \quad 6 \\ \hline \\ \hline \end{array}$$

Independent Task

Solve the multiplication calculations. Explain each step using the key vocabulary below.

ones

tens

hundreds

multiply

regroup

$$\begin{array}{r} 2 \\ 162 \\ \times 4 \\ \hline \end{array}$$

648

$$\begin{array}{r} 2 \\ 328 \\ \times 3 \\ \hline \end{array}$$

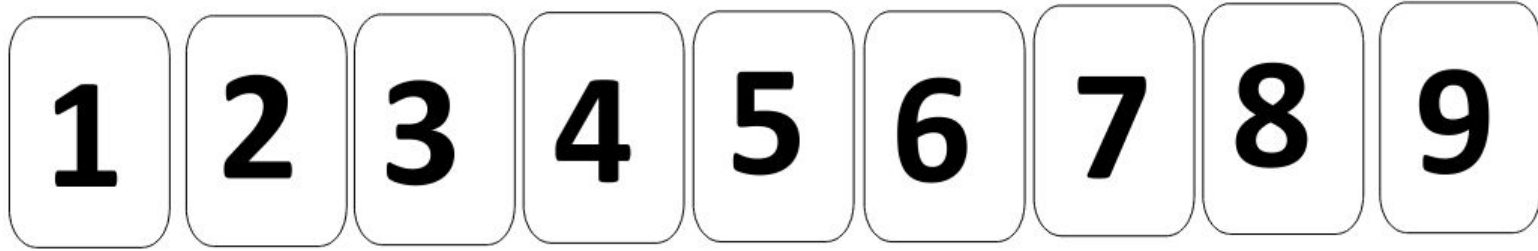
984

$$\begin{array}{r} 2 \\ 141 \\ \times 6 \\ \hline \end{array}$$

846

Example answers of some combinations

Create three 1-digit multiplication equations. Use the associative law to solve the equation.



- | | | |
|--------------------------------|---------------------------------|---------------------------------|
| 1. $4 \times 1 \times 2 = 8$ | 6. $6 \times 4 \times 5 = 120$ | 11. $6 \times 5 \times 2 = 60$ |
| 2. $2 \times 1 \times 3 = 12$ | 7. $2 \times 8 \times 9 = 144$ | 12. $2 \times 5 \times 3 = 30$ |
| 3. $3 \times 4 \times 5 = 60$ | 8. $7 \times 3 \times 5 = 105$ | 13. $7 \times 4 \times 5 = 140$ |
| 4. $5 \times 6 \times 7 = 210$ | 9. $8 \times 6 \times 7 = 336$ | 14. $5 \times 1 \times 7 = 35$ |
| 5. $7 \times 8 \times 9 = 504$ | 10. $7 \times 8 \times 3 = 163$ | 15. $1 \times 8 \times 2 = 16$ |