

Problems and Patterns

Pre-Check: show what you know.

Score _____ / 6

1. Solve.

$$7 \times 8 = \underline{\hspace{2cm}}$$

$$63 \div 9 = \underline{\hspace{2cm}}$$

$$48 + 37 = \underline{\hspace{2cm}}$$

$$91 - 46 = \underline{\hspace{2cm}}$$

2. What number goes in each box?

$$\boxed{} + 25 = 60$$

$$9 \times \boxed{} = 54$$

$$\boxed{} \div 4 = 8$$

$$75 - \boxed{} = 38$$

3. Add or subtract.

$$3,476 + 2,858 = \underline{\hspace{2cm}}$$

$$6,000 - 2,345 = \underline{\hspace{2cm}}$$

4. Multiply or divide.

$$46 \times 7 = \underline{\hspace{2cm}}$$

$$324 \div 6 = \underline{\hspace{2cm}}$$

5. Find the rule. Fill in the boxes.

12	18		30		
100	93			72	

6. Write an equation with a letter for the unknown. Solve.

Max has **4** bags of **9** marbles. He gives away **15** marbles. How many marbles does he have left?

Equation _____

_____ marbles

Problems and Patterns

Pre-Check: show what you know.

Score _____ / 6

1. Solve.

$$\begin{aligned} 7 \times 8 &= \underline{56} \\ 63 \div 9 &= \underline{7} \\ 48 + 37 &= \underline{85} \\ 91 - 46 &= \underline{45} \end{aligned}$$

Lesson 6.3 · True or false with = and $\neq$

2. What number goes in each box?

$$\begin{aligned} \boxed{35} + 25 &= 60 \\ 9 \times \boxed{6} &= 54 \\ \boxed{32} \div 4 &= 8 \\ 75 - \boxed{37} &= 38 \end{aligned}$$

Lesson 6.4 · A letter in any place

3. Add or subtract.

$$\begin{aligned} 3,476 + 2,858 &= \underline{6,334} \\ 6,000 - 2,345 &= \underline{3,655} \end{aligned}$$

Lesson 6.2 · Multi-step stories; estimate to check

4. Multiply or divide.

$$\begin{aligned} 46 \times 7 &= \underline{322} \\ 324 \div 6 &= \underline{54} \end{aligned}$$

Lesson 6.2 · Multi-step stories; estimate to check

5. Find the rule. Fill in the boxes.

12	18	24	30	36	42
100	93	86	79	72	65

Lesson 6.5 · Number patterns from a rule

6. Write an equation with a letter for the unknown. Solve.

Max has 4 bags of 9 marbles. He gives away 15 marbles. How many marbles does he have left?

Equation $\underline{4 \times 9 - 15 = m}$

One way $\underline{21}$ marbles

Lesson 6.1 · Two-step stories with a letter