ORDER OF OPERATIONS

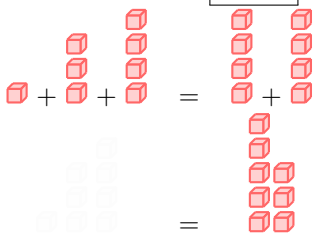
A ORDER OF OPERATIONS

A.1 ADDING FROM LEFT TO RIGHT

Ex 1:

$1+3+4 = \square + \square$

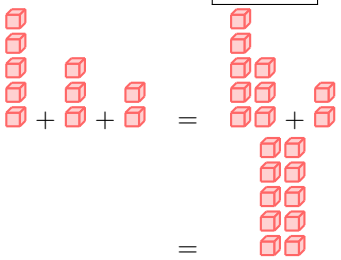
$= \square$



Ex 2:

$5+3+2 = \square + \square$

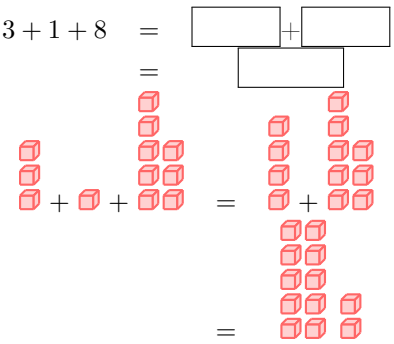
$= \square$



Ex 3:

$3+1+8 = \square + \square$

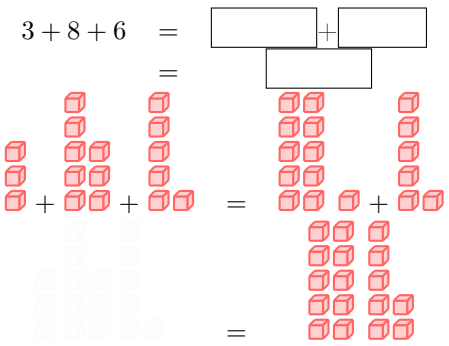
$= \square$



Ex 4:

$3+8+6 = \square + \square$

$= \square$



A.2 ADDING FROM LEFT TO RIGHT

Ex 5:

$1+3+4 = \square + \square$

$= \square$

Ex 6:

$5+4+7 = \square + \square$

$= \square$

Ex 7:

$7+3+5 = \square + \square$

$= \square$

Ex 8:

$9+8+1 = \square + \square$

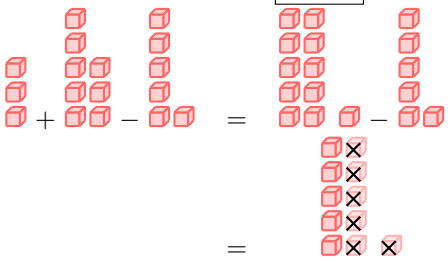
$= \square$

A.3 ADDING AND SUBTRACTING FROM LEFT TO RIGHT

Ex 9:

$3+8-6 = \square - \square$

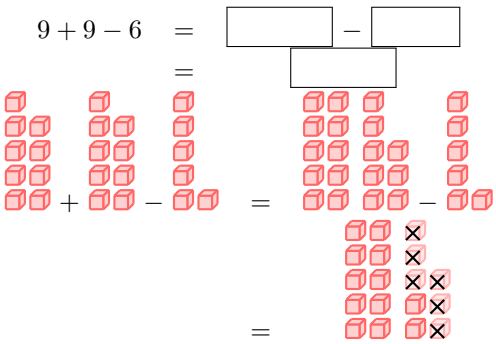
$= \square$



Ex 10:

$9+9-6 = \square - \square$

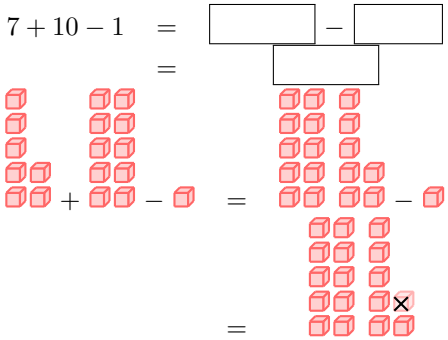
$= \square$



Ex 11:

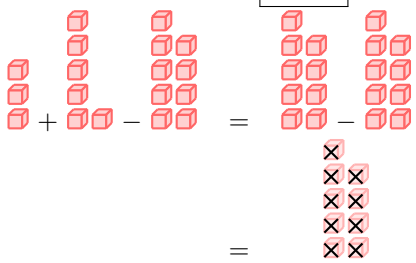
$7+10-1 = \square - \square$

$= \square$



Ex 12:

$3+6-9 = \square - \square = \square$



A.4 MULTIPLYING AND DIVIDING FROM LEFT TO RIGHT

Ex 13:

$2 \times 3 \times 2 = \square \times \square = \square$

Ex 14:

$4 \times 2 \times 2 = \square \times \square = \square$

Ex 15:

$4 \div 2 \times 2 = \square \times \square = \square$

Ex 16:

$2 \times 4 \div 2 = \square \div \square = \square$

A.5 PERFORMING OPERATIONS WITHOUT PARENTHESES

Ex 17:

$4+2\times 3 = \square$

Ex 18:

$2\times 3-1 = \square$

Ex 19:

$1+3\times 3 = \square$

Ex 20:

$10-2\times 3 = \square$

Ex 21:

$10\div 2+3 = \square$

Ex 22:

$10-4\div 2 = \square$

A.6 PERFORMING OPERATIONS WITH PARENTHESES

Ex 23:

$2\times(2+3) = \square$

Ex 24:

$(2+4)\div 2 = \square$

Ex 25:

$4\times(4\div 2) = \square$

Ex 26:

$3+(3\times 2) = \square$

Ex 27:

$(7-1)\times 3 = \square$

A.7 PERFORMING MULTI-OPERATIONS

Ex 28:

$4+2\times(2+3) = \square$

Ex 29:

$10-2\times(5-3) = \square$

Ex 30:

$3\times(7-2)+1 = \square$

Ex 31:

$12\div(6-2)+3 = \square$

Ex 32:

$(2+8)\div 5-2 = \square$

B SOLVING PROBLEMS

B.1 BUILDING THE EXPRESSION

MCQ 33: Hugo is 5 years old. Louis is twice as old as Hugo, plus 3 years. How old is Louis?

Choose the correct answer

- ☐ $2\times 5-3$
- ☐ $2\times(5+3)$
- ☐ $(2\times 5)+3$

MCQ 34: A zoo has 15 animals in the morning. 5 new animals are brought in. In the evening, the zookeeper wants to divide the animals into 5 equal groups. How many animals are in each group?

Choose the correct answer

☐ $15 + 5 \div 5$

☐ $(15 + 5) \div 5$

☐ $(15 - 5) \div 5$

MCQ 35: Emma bakes 8 muffins and wants to divide them equally among her 4 friends, including herself. Then she adds 2 more muffins to her share. How many muffins does Emma have?

Choose the correct answer

☐ $\frac{8}{4} + 2$

☐ $\frac{8}{4} - 2$

☐ $4 \times 2 + 2$

☐ $8 + 2 - 4$

MCQ 36: If you have 3 apples and buy 5 more, then share equally with a friend. How many apples do you have left?

Choose the correct answer

☐ $(3 + 5) \div 2$

☐ $3 + 5 - 2$

☐ $3 \times 5 \div 2$

☐ $3 + 5 \div 2$

MCQ 37: Mei has \$15 . She spends \$5 on a book and then \$3 on a snack. She receives \$10 from her grandparents. How much money does Sophia have now?

Choose the correct answer

- $15 - 5 - 3 + 10$
- $15 - 5 + 3 + 10$
- $(15 - 5) - 3$
- $15 - 5 - (3 + 10)$

MCQ 38: Hugo has 12 pencils. He gives 3 pencils to each of his 2 friends and then buys 5 more pencils. How many pencils does Hugo have left?

Choose the correct answer

☐ $12 + 3 \times 2 - 5$

☐ $12 \div 3 + 2 + 5$

☐ $12 - 3 \times 2 + 5$

☐ $12 - 2 + 5 \times 3$

MCQ 39: Lucy has 4 boxes of pencils. Each box contains 6 pencils. She gives 2 boxes to her friend and then buys 3 more pencils. How many pencils does Lucy have now?

Choose the correct answer

- $(4 \times 6) - (2 \times 6) + 3$
- $4 \times (6 - 2) + 3$
- $(4 \times 6) + (2 \times 6) - 3$
- $4 \times (6 + 2) - 3$

B.2 SOLVING REAL-WORLD PROBLEMS

Ex 40: Hugo is 5 years old. Louis is twice as old as Hugo, plus 3 years. How old is Louis?

☐ old.

Ex 41: A zoo has 15 animals in the morning. 5 new animals are brought in. In the evening, the zookeeper wants to divide the animals into 5 equal groups. How many animals are in each group?

☐ in each group

Ex 42: Hugo has 12 pencils. He gives 3 pencils to each of his 2 friends and then buys 5 more pencils. How many pencils does Hugo have left?

☐ pencils left

Ex 43: If you have 3 apples and buy 5 more, then share equally with a friend. How many apples do you have left?

☐ apples left.