



Name: _____

Class: _____

Worksheet 2

FIND THE VALUE OF EXPRESSION WITH BRACKET**A. Visual learning****1/ How to find the value of number expressions with bracket?**

We need to compute the value of **expression within bracket first**, then do the multiplication and division. Finally, do the addition and subtraction.

Example:

$$\begin{aligned} & 15 - (3 \times 4) + 1 \\ &= 15 - 12 + 1 \\ &= 3 + 1 \\ &= 4 \end{aligned}$$

**2/ Vocabulary****bracket (...)****Example:** $15 \div (2 + 3)$ **B. Practice****Task 1:** Find value of each expression **in bracket**.

a. $10 + (45 \div 5) \times 7$

A. 9**B.** 50**C.** 490

b. $30 - 2 \times (27 + 63) \div 9$

A. 7**B.** 28**C.** 90*Which one is right?*



Task 2: Find the value of each following expression.

a. $100 - (25 + 37)$

= _____
= _____

c. $24 \div (4 \div 2)$

= _____
= _____

b. $(63 + 27) \times 3$

= _____
= _____

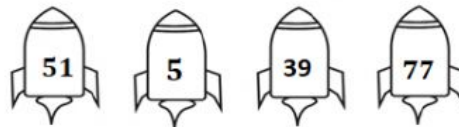
d. $72 \div (3 \times 3) - 8$

= _____
= _____



Task 3: Match.

Clouds containing expressions: $89 - (31 - 19)$, $3 \times (6 + 7)$, $45 \div (18 - 9)$, $48 + 12 \div 4$



Task 4: Jack finds value of the expression $(74 - 14) \div 2$ as steps below:

$$\begin{aligned} & (74 - 14) \div 2 \\ &= 74 - 7 \\ &= 67 \end{aligned}$$



Circle the wrong step and correct for Jack.

Task 5: Solve the following problems.

a. Ellis buys 3 packs of card. Each pack has 12 baseball cards and 18 football cards. How many cards does he buy in all?

Equation: _____

Word answer: _____

b. Tony has 63 books at first, then Tony gives away 13 books. Those books **left** are shared equally into 10 boxes.

How many books are there in each box? *Draw a model in the box.*

Equation: _____

Word answer: _____



Task 6*: Put some brackets in the expressions below such that the value of the new expression is 22.

$$3 + 8 \times 4 - 2$$