

VÝRAZ

HODNOTA VÝRAZU

7. 1. 2021

CO JE TO **VÝRAZ**?

$$\frac{5+1}{4 \cdot 3} = 6$$

$$2x$$

$$3x + 4x + 1 = 7x + 1$$

CO JE TO **HODNOTA VÝRAZU**?

6

12

$$2 \cdot x = 2 \overset{x=1}{=} 2 \cdot 1 = \underline{\underline{2}}$$

$$2x \quad \left\{ \begin{array}{l} x=4 \\ = 2 \cdot 4 = \underline{\underline{8}} \end{array} \right.$$

$$2x \rightarrow \overset{x=-7}{=} 2 \cdot (-7) = -14$$

PŘÍKLAD - **BANKOVKY A MINCE**

$$2B + 3M = ?$$

$$B = 100 \text{ Kč}$$

$$M = 20 \text{ Kč}$$

$$2 \cdot 100 + 3 \cdot 20 = 200 + 60 = \underline{\underline{260}}$$

$$3M + 4B = ? \quad \begin{array}{l} M = 50 \text{ Kč} \\ B = 100 \text{ Kč} \end{array}$$

$$3 \cdot 50 + 4 \cdot 100 = 150 + 400 = \underline{\underline{550}}$$

100	1
200	2
500	5
1000	10
2000	20
5000	50

PŘÍKLAD - URČI HODNOTU VÝRAZU:

x	5	7	-3
$2x$	$2 \cdot \boxed{5} = \underline{\underline{10}}$	$2 \cdot 7 = \underline{\underline{14}}$	$2 \cdot (-3) = -6$
$2x + 5$	$2 \cdot \boxed{5} + 5 =$ $10 + 5 = \underline{\underline{15}}$	$2 \cdot 7 + 5 =$ $14 + 5 = \underline{\underline{19}}$	$2 \cdot (-3) + 5 =$ $= -6 + 5 = \underline{\underline{-1}}$
$3x - 1$	$3 \cdot 5 - 1 =$ $15 - 1 = \underline{\underline{14}}$	$3 \cdot 7 - 1 =$ $21 - 1 = \underline{\underline{20}}$	$3 \cdot (-3) - 1 =$ $= -9 - 1 = \underline{\underline{-10}}$

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