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# Mixed Operations with Whole Numbers (1)

We have 25 tables of guests here. Let's give the biggest toast to this new couple.



$$\begin{aligned} (3887 + 5338) \div 25 \\ = 9225 \div 25 \\ = 369 \end{aligned}$$

3887 g

5338 g



Each table gets 369 g of cake.

Find the answers. Show your work.

①  $36 \div 2 + 3$   
 $= \underline{\quad\quad} + 3$   
 $= \underline{\quad\quad}$

②  $85 \times 2 \div 5$   
 $= \underline{\quad\quad} \div 5$   
 $= \underline{\quad\quad}$

③  $75 - 8 \times 2$   
 $= 75 - \underline{\quad\quad}$   
 $= \underline{\quad\quad}$

④  $60 + 12 - 28$   
 $= \underline{\quad\quad} - 28$   
 $= \underline{\quad\quad}$

⑤  $145 \div 5 - 14$   
 $= \underline{\quad\quad\quad}$   
 $= \underline{\quad\quad}$

⑥  $13 \times 20 - 44$   
 $= \underline{\quad\quad\quad}$   
 $= \underline{\quad\quad}$

⑦  $16 \times 2 - 15 \div 3$   
 $= \underline{\quad\quad}$

⑧  $24 + 48 \div 4 \times 2$   
 $= \underline{\quad\quad}$

For mixed operations without brackets:

**1st** Do  $\times$  and  $\div$ .

**2nd** Do  $+$  and  $-$ .

e.g.  $50 - 2 \times 3 \leftarrow$  Do ' $\times$ ' first.  
 $= 50 - 6$   
 $= 44$

For mixed operations with ' $+$ ' and ' $-$ ' or ' $\times$ ' and ' $\div$ ', calculate in order from left to right.

e.g.  $92 - 4 + 52 \leftarrow$  Do ' $-$ ' first.  
 $= 88 + 52$   
 $= 140$

For mixed operations with brackets:

Do all the operations in the brackets first.

e.g.

$$18 \div (4 + 2) \leftarrow$$

$$= 18 \div 6 \quad \text{Do '4 + 2' first.}$$

$$= 3$$

Find the answers.

$$\textcircled{9} \quad (14 - 6 + 3) \times 2$$

$$= (\underline{\quad} + 3) \times 2$$

$$= \underline{\quad} \times 2$$

$$= \underline{\quad}$$

$$\textcircled{10} \quad (5 \times 4) \div (2 + 2)$$

$$= \underline{\quad} \div (2 + 2)$$

$$= \underline{\quad} \div \underline{\quad}$$

$$= \underline{\quad}$$

$$\textcircled{11} \quad 80 \div (5 + 6 - 3)$$

$$= 80 \div (\underline{\quad} - 3)$$

$$= 80 \div \underline{\quad}$$

$$= \underline{\quad}$$

$$\textcircled{12} \quad (27 + 18) \times 2 - 5$$

$$= \underline{\quad} \times 2 - 5$$

$$= \underline{\quad} - 5$$

$$= \underline{\quad}$$

$$\textcircled{13} \quad (13 + 4 \times 2) \div 3$$

$$= (13 + \underline{\quad}) \div 3$$

$$= \underline{\quad} \div 3$$

$$= \underline{\quad}$$

Check the correct number sentences. Then find the answers.

- $\textcircled{14}$  Aunt Sally has 3 bags each containing 45 marbles. After giving 20 marbles to Diana, Aunt Sally puts the remaining marbles equally into 5 boxes. How many marbles are there in each box?



$\textcircled{A}$   $(45 + 3 - 20) \div 5$

$\textcircled{B}$   $(45 \times 3 - 20) \div 5$

$\textcircled{C}$   $45 \times 3 - 20 \div 5$

\_\_\_\_\_ marbles

- $\textcircled{15}$  Tina has 38 stickers. Eva has twice as many stickers as Tina. If Jason has 375 stickers, how many more stickers does Jason have than the two girls combined?



$\textcircled{A}$   $375 - (38 + 38 \times 2)$

$\textcircled{B}$   $375 - 38 + 38 \times 2$

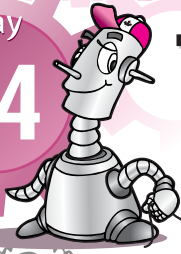
$\textcircled{C}$   $38 + 38 \times 2 - 375$

\_\_\_\_\_ more

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# You Deserve A Break!

Calculate. Follow the order of the answers to help Jack rescue his cat.

- ①  $12 \div \frac{3}{4}$
- ②  $6 \times \frac{9}{10}$
- ③  $1\frac{1}{15} - \frac{7}{15}$
- ④  $3.894 - 2.78$
- ⑤  $12.57 + 12.173$
- ⑥  $16 \div 25$
- ⑦  $3.8 \times 4.9$
- ⑧  $0.03 \times 24$
- ⑨  $4 \div 800$
- ⑩  $2.867 - 1.42 \times 2$
- ⑪  $4.9 \times 6.5 \div 5$
- ⑫  $9.11 + 16.31 \div 7$
- ⑬  $8 \div \frac{4}{7}$
- ⑭  $\frac{8}{15} \times 9$

12

0.005

0.72

0.028

0.027

0.047

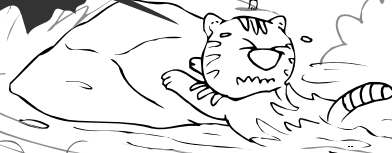
6.87

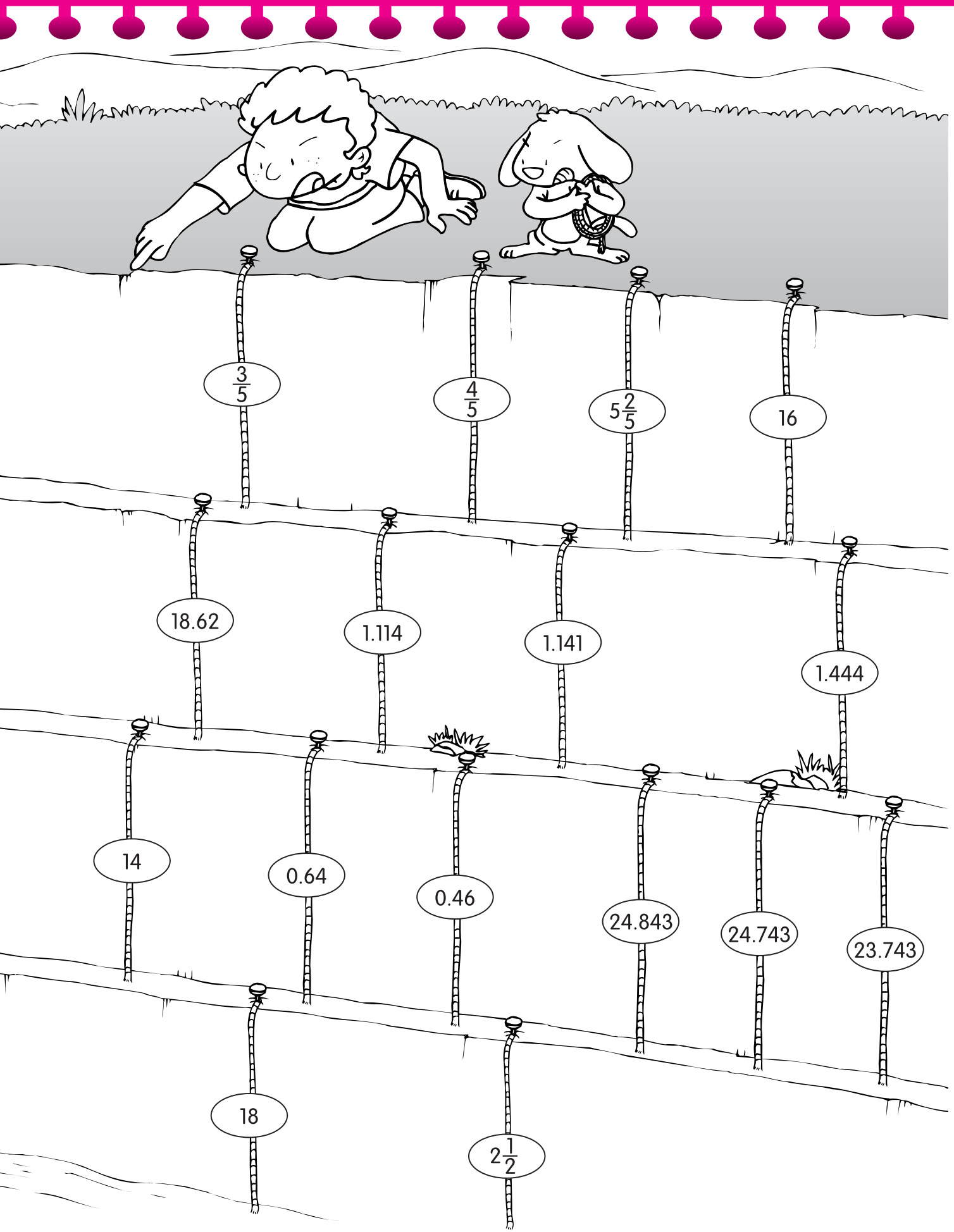
6.37

11.44

 $4\frac{9}{10}$  $4\frac{4}{5}$  $3\frac{4}{5}$ 

Help!





$$\frac{3}{5}$$

$$\frac{4}{5}$$

$$5\frac{2}{5}$$

$$16$$

$$18.62$$

$$1.114$$

$$1.141$$

$$1.444$$

$$14$$

$$0.64$$

$$0.46$$

$$24.843$$

$$24.743$$

$$23.743$$

$$18$$

$$2\frac{1}{2}$$