



Student's names: _____

Integers

- Find the sum.

$$\textcircled{1} \quad 7 \quad + \quad 13 \quad - \quad 8 \quad =$$

$$\textcircled{2} \quad 0 \quad + \quad -5 \quad - \quad 25 \quad =$$

$$\textcircled{3} \quad 9 \quad + \quad 16 \quad - \quad 2 \quad =$$

$$\textcircled{4} \quad -18 \quad + \quad 14 \quad + \quad (-8) \quad =$$

$$\textcircled{5} \quad -9 \quad + \quad 4 \quad + \quad (-88) \quad =$$

$$\textcircled{6} \quad (-19) \quad + \quad -91 \quad + \quad -9 \quad =$$

$$\textcircled{7} \quad 3 \quad + \quad -20 \quad + \quad (-1) \quad =$$

$$\textcircled{8} \quad -345 \quad + \quad 155 \quad =$$

$$\textcircled{9} \quad 240 \quad + \quad -647 \quad =$$

Student's names:

Integers

- Find the product.

① $8 \quad 12 =$ _____

② $9 \quad (-8) =$ _____

③ $-14 \quad -11 =$ _____

④ $-25 \quad -11 \quad -2 =$ _____

⑤ $17 \quad (2 \quad 0) =$ _____

⑥ $5 \quad (2 - 3) =$ _____

⑦ $55 \quad (-2 \quad -2) =$ _____

⑧ $-25 \quad -5 + 1 =$ _____

⑨ $(-10) \quad (-10) - (-10) =$ _____

Student's names:

Addition

- Find the sum.

9 $8 + -2 =$

10 $-2 + 4 =$

11 $6 + -4 =$

12 $-6 + 4 =$

13 $1 + -2 =$

14 $-4 + -2 =$

15 $9 + 5 =$

16 $-6 + -2 =$



Student's names: _____

Multiplication of integers

- Find the product.

① $-1 \times -6 =$ _____

② $-7 \times 7 =$ _____

③ $5 \times -7 =$ _____

④ $-2 \times -2 =$ _____

⑤ $-8 \times 3 =$ _____

⑥ $4 \times 8 =$ _____

⑦ $-1 \times 6 =$ _____

⑧ $-6 \times 4 =$ _____

⑨ $-8 \times -7 =$ _____



Student's names: _____

Subtraction of integers

- Find the difference.

$$\textcircled{11} \quad 0 \quad - \quad -6 \quad = \quad \underline{\hspace{2cm}}$$

$$\textcircled{12} \quad -3 \quad - \quad 0 \quad = \quad \underline{\hspace{2cm}}$$

$$\textcircled{13} \quad 9 \quad - \quad -3 \quad = \quad \underline{\hspace{2cm}}$$

$$\textcircled{14} \quad 4 \quad - \quad -5 \quad = \quad \underline{\hspace{2cm}}$$

$$\textcircled{15} \quad -2 \quad - \quad -8 \quad = \quad \underline{\hspace{2cm}}$$

$$\textcircled{16} \quad 4 \quad - \quad -3 \quad = \quad \underline{\hspace{2cm}}$$

$$\textcircled{17} \quad 9 \quad - \quad -8 \quad = \quad \underline{\hspace{2cm}}$$

$$\textcircled{18} \quad 2 \quad - \quad 9 \quad = \quad \underline{\hspace{2cm}}$$

$$\textcircled{19} \quad -9 \quad - \quad -10 \quad = \quad \underline{\hspace{2cm}}$$

$$\textcircled{20} \quad -8 \quad - \quad -6 \quad = \quad \underline{\hspace{2cm}}$$

Student's names:

Multiplication of integers

- Find the product.

① $-4 \times -20 =$ _____

② $0 \times 20 =$ _____

③ $-10 \times 40 =$ _____

④ $0 \times 80 =$ _____

⑤ $-6 \times 50 =$ _____

⑥ $5 \times -50 =$ _____

⑦ $6 \times -90 =$ _____

⑧ $8 \times 90 =$ _____

⑨ $4 \times -30 =$ _____

Student's names:

Division of integers

- Find the quotient.

9 $-177 \div 3 =$

10 $-104 \div -4 =$

11 $24 \div -12 =$

12 $110 \div 11 =$

13 $96 \div -8 =$

14 $66 \div -11 =$

15 $170 \div -10 =$

16 $-110 \div -11 =$

Student's names:

Dividing integers

- Find the missing numbers.

$$\textcircled{1} \quad \underline{\hspace{2cm}} \div (-9) = 7$$

$$\textcircled{2} \quad \underline{\hspace{2cm}} \div 7 = (-12)$$

$$\textcircled{3} \quad (-99) \div \underline{\hspace{2cm}} = 11$$

$$\textcircled{4} \quad \underline{\hspace{2cm}} \div 9 = (-1)$$

$$\textcircled{5} \quad 54 \div \underline{\hspace{2cm}} = 9$$

$$\textcircled{6} \quad 63 \div \underline{\hspace{2cm}} = (-7)$$

$$\textcircled{7} \quad \underline{\hspace{2cm}} \div 7 = 10$$

$$\textcircled{8} \quad \underline{\hspace{2cm}} \div (-4) = 8$$



Student's names: _____

Subtraction of integers

- Find the difference.

$$\textcircled{1} \quad -6 \quad - \quad 5 \quad = \quad \underline{\hspace{2cm}}$$

$$\textcircled{2} \quad -3 \quad - \quad 8 \quad = \quad \underline{\hspace{2cm}}$$

$$\textcircled{3} \quad 5 \quad - \quad 19 \quad = \quad \underline{\hspace{2cm}}$$

$$\textcircled{4} \quad -7 \quad - \quad -13 \quad = \quad \underline{\hspace{2cm}}$$

$$\textcircled{5} \quad -5 \quad - \quad 8 \quad = \quad \underline{\hspace{2cm}}$$

$$\textcircled{6} \quad 8 \quad - \quad -8 \quad = \quad \underline{\hspace{2cm}}$$

$$\textcircled{7} \quad -14 \quad - \quad -19 \quad = \quad \underline{\hspace{2cm}}$$



Student's names: _____

Multiplying 3-digit by 2-digit numbers

- Find the product.

$$\begin{array}{r} \textcircled{1} \quad 763 \\ \times \quad 15 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 167 \\ \times \quad 17 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 817 \\ \times \quad 77 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 572 \\ \times \quad 16 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 712 \\ \times \quad 43 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 496 \\ \times \quad 47 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 589 \\ \times \quad 50 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 327 \\ \times \quad 25 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 483 \\ \times \quad 87 \\ \hline \end{array}$$

Student's names:

Adding with missing numbers

- Find the missing numbers.

① $5519 = \underline{\hspace{2cm}} + 282 + 5206 + 22$

② $3718 + 40 + \underline{\hspace{2cm}} + 58 = 4531$

③ $16 + 231 + 9154 + \underline{\hspace{2cm}} = 9403$

④ $9871 = \underline{\hspace{2cm}} + 72 + 8933 + 775$

⑤ $4119 = 562 + 3460 + 91 + \underline{\hspace{2cm}}$

⑥ $10582 = 935 + 9601 + \underline{\hspace{2cm}} + 33$

⑦ $48 + 358 + 6244 + \underline{\hspace{2cm}} = 6699$

⑧ $4504 = 3912 + \underline{\hspace{2cm}} + 575 + 7$

Student's names:

Missing Minuend and Subtrahend Problems

- Fill in the missing numbers.

9 $\underline{\hspace{2cm}}$ - 2371 = 4459

10 11401 - $\underline{\hspace{2cm}}$ = 3693

11 2465 - $\underline{\hspace{2cm}}$ = 779

12 1959 - $\underline{\hspace{2cm}}$ = 1153

13 $\underline{\hspace{2cm}}$ - 1989 = 879

14 23884 - $\underline{\hspace{2cm}}$ = 20235

15 53648 - $\underline{\hspace{2cm}}$ = 43789

16 35664 - $\underline{\hspace{2cm}}$ = 34878



Student's names: _____

Adding mixed numbers and fractions

- Find the sum of the following fractions.

$$\textcircled{6} \quad 4 \frac{7}{12} + \frac{16}{19} = \underline{\hspace{2cm}}$$

$$\textcircled{7} \quad 5 \frac{11}{20} + \frac{1}{25} = \underline{\hspace{2cm}}$$

$$\textcircled{8} \quad 9 \frac{2}{9} + \frac{12}{17} = \underline{\hspace{2cm}}$$

$$\textcircled{9} \quad 4 \frac{1}{2} + \frac{4}{11} = \underline{\hspace{2cm}}$$

$$\textcircled{10} \quad 2 \frac{5}{15} + \frac{14}{20} = \underline{\hspace{2cm}}$$



Student's names: _____

Adding unlike fractions (denominators 2-12)

- Find the sum of the following fractions.

$$\textcircled{1} \quad \frac{4}{5} + \frac{9}{11} = \underline{\hspace{2cm}}$$

$$\textcircled{2} \quad \frac{5}{6} + \frac{2}{9} = \underline{\hspace{2cm}}$$

$$\textcircled{3} \quad \frac{5}{9} + \frac{3}{8} = \underline{\hspace{2cm}}$$

$$\textcircled{4} \quad \frac{2}{12} + \frac{5}{8} = \underline{\hspace{2cm}}$$

$$\textcircled{5} \quad \frac{6}{11} + \frac{2}{3} = \underline{\hspace{2cm}}$$



Student's names: _____

Convert mixed numbers to fractions

- Convert the mixed numbers into fractions.

① $15 \frac{13}{19} = \underline{\hspace{2cm}}$

② $14 \frac{20}{25} = \underline{\hspace{2cm}}$

③ $4 \frac{8}{9} = \underline{\hspace{2cm}}$

④ $19 \frac{10}{16} = \underline{\hspace{2cm}}$

⑤ $10 \frac{2}{3} = \underline{\hspace{2cm}}$

⑥ $8 \frac{4}{5} = \underline{\hspace{2cm}}$

⑦ $2 \frac{14}{15} = \underline{\hspace{2cm}}$

⑧ $8 \frac{10}{21} = \underline{\hspace{2cm}}$

⑨ $9 \frac{3}{7} = \underline{\hspace{2cm}}$

⑩ $15 \frac{2}{9} = \underline{\hspace{2cm}}$

Student's names: **Equivalent fractions (3 fractions)**

- Find the value of the missing numbers.

$$\textcircled{8} \quad \frac{7}{12} = \frac{\quad}{84} = \frac{28}{\quad}$$

$$\textcircled{9} \quad \frac{22}{24} = \frac{\quad}{144} = \frac{\quad}{72}$$

$$\textcircled{10} \quad \frac{9}{20} = \frac{27}{\quad} = \frac{18}{\quad}$$

$$\textcircled{11} \quad \frac{5}{6} = \frac{\quad}{24} = \frac{\quad}{12}$$

$$\textcircled{12} \quad \frac{3}{11} = \frac{27}{\quad} = \frac{15}{\quad}$$

$$\textcircled{13} \quad \frac{10}{15} = \frac{\quad}{120} = \frac{60}{\quad}$$

$$\textcircled{14} \quad \frac{3}{4} = \frac{30}{\quad} = \frac{21}{\quad}$$



Student's names: _____

Simplify proper fractions (harder)

- Simplify the fractions.

① $\frac{12}{36} = \underline{\hspace{2cm}}$

② $\frac{28}{48} = \underline{\hspace{2cm}}$

③ $\frac{189}{210} = \underline{\hspace{2cm}}$

④ $\frac{12}{84} = \underline{\hspace{2cm}}$

⑤ $\frac{190}{400} = \underline{\hspace{2cm}}$

⑥ $\frac{152}{160} = \underline{\hspace{2cm}}$

⑦ $\frac{70}{1000} = \underline{\hspace{2cm}}$

⑧ $\frac{36}{225} = \underline{\hspace{2cm}}$

⑨ $\frac{9}{144} = \underline{\hspace{2cm}}$

⑩ $\frac{120}{150} = \underline{\hspace{2cm}}$

⑪ $\frac{368}{400} = \underline{\hspace{2cm}}$

⑫ $\frac{154}{210} = \underline{\hspace{2cm}}$

⑬ $\frac{182}{700} = \underline{\hspace{2cm}}$

⑭ $\frac{117}{360} = \underline{\hspace{2cm}}$

Student's names:

Addition of Decimals

○ Find the sum.

$1 \quad 3 + 0.02 = \underline{\hspace{2cm}}$

$2 \quad 1 + 5 = \underline{\hspace{2cm}}$

$3 \quad 0.3 + 0.03 = \underline{\hspace{2cm}}$

$4 \quad 0.5 + 6 = \underline{\hspace{2cm}}$

$5 \quad 0.02 + 0.0 = \underline{\hspace{2cm}}$

$6 \quad 0.1 + 1 = \underline{\hspace{2cm}}$

$7 \quad 0.6 + 2 = \underline{\hspace{2cm}}$

$8 \quad 0.1 + 0.3 = \underline{\hspace{2cm}}$

$9 \quad 0.5 + 0.3 = \underline{\hspace{2cm}}$

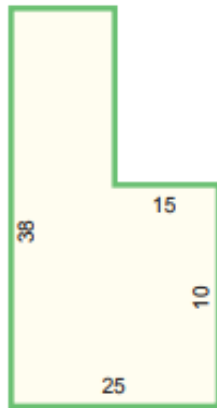
$10 \quad 0.02 + 0.03 = \underline{\hspace{2cm}}$

Student's names:

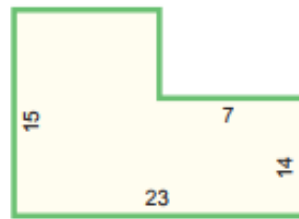
Area and perimeter of irregular shapes

- Find the perimeter and area.

5



6





Student's names: _____

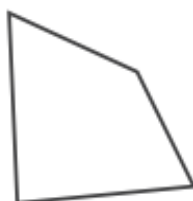
Types of Quadrilaterals

- Identify the type of quadrilateral.

①



②



③



④



⑤



⑥



⑦



⑧



⑨



Student's names:

Multiplying 5-digit by 1-digit numbers

- Find the product.

$$\begin{array}{r} 7 \\ \times 23,787 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 22,369 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 49,739 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 85,619 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 60,721 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 35,199 \\ \hline \end{array}$$

Student's names:

Percents and decimals conversion

- Convert the percents into decimals and the decimals to percents.

① $0.5 = \underline{\hspace{2cm}}$

② $0.71 = \underline{\hspace{2cm}}$

③ $16\% = \underline{\hspace{2cm}}$

④ $0.74 = \underline{\hspace{2cm}}$

⑤ $89\% = \underline{\hspace{2cm}}$

⑥ $0.67 = \underline{\hspace{2cm}}$

⑦ $0.9 = \underline{\hspace{2cm}}$

⑧ $32\% = \underline{\hspace{2cm}}$

⑨ $0.7 = \underline{\hspace{2cm}}$

⑩ $85\% = \underline{\hspace{2cm}}$