



Middleton Math

4th Grade Math - Week X Checklist

Understanding _____

Effort _____

Welcome to Week X of 4th Grade Math!

- Day 1 - Review
 - Flashcards - Record Time Here: _____
 - Complete Assignment X.1
 - Check and Correct Assignment X.1
- Day 2 - Long Division Introduction
 - Flashcards - Record Time Here: _____
 - Watch the [Video Tutorial](#) for Assignment X.2
 - Complete Assignment X.2
 - Check and Correct Assignment X.2
- Day 3 - Long Division with Zeros
 - Flashcards - Record Time Here: _____
 - Watch the [Video Tutorial](#) for Assignment X.3
 - Complete Assignment X.3
 - Check and Correct Assignment X.3
- Day 4 - Long Division with Remainders
 - Flashcards - Record Time Here: _____
 - Watch the [Video Tutorial](#) for Assignment X.4
 - Complete Assignment X.4
 - Check and Correct Assignment X.4
- Day 5
 - File Week X Assignments
 - Record Understanding and Effort for Week X
 - Attend Math Adventure



Middleton Math

4th Grade Math - Assignment X.1

Name _____

Parent Initial _____

Instructions: Solve these problems to review the topics you've already learned:

① Round 3751 to the nearest 100: $3751 \approx$ _____

② Compare:

$$\frac{4}{5} \bigcirc \frac{16}{20}$$

③ Compare:

$$\frac{1}{3} \bigcirc \frac{2}{5}$$

④ Compare:

$$\frac{1}{6} \bigcirc \frac{1}{8}$$

⑤ Multiply:

$$\begin{array}{r} 36 \\ \times 57 \\ \hline \end{array}$$

⑥ Multiply:

$$\begin{array}{r} 85 \\ \times 29 \\ \hline \end{array}$$

⑦ Multiply:

$$\begin{array}{r} 2368 \\ \times 3 \\ \hline \end{array}$$

⑧ Multiply:

$$\begin{array}{r} 1573 \\ \times 4 \\ \hline \end{array}$$

⑨ Emma the Dragon found a piece of gold that weighs 5 *kg*. How many grams does it weigh? $5 \text{ kg} =$ _____ *g*

⑩ Belinda the Unicorn is planting grass on her new pasture. The grass comes in 1 yard squares and Belinda's pasture is 27 yards by 50 yards. How many grass squares does she need to cover her pasture? _____ *square yards*



Middleton Math

4th Grade Math - Assignment X.2

Name _____

Parent Initial _____

Instructions: Use your base-10 blocks to solve these long division problems:

① $435 \div 3 =$ _____

$$\begin{array}{r} \square \square \square \\ 3 \overline{) 435} \\ - \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \end{array}$$

② $716 \div 2 =$ _____

$$\begin{array}{r} \square \square \square \\ 2 \overline{) 716} \\ - \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \end{array}$$

③ $728 \div 4 =$ _____

$$\begin{array}{r} \square \square \square \\ 4 \overline{) 728} \\ - \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \end{array}$$

④ $728 \div 2 =$ _____

$$\begin{array}{r} \square \square \square \\ 2 \overline{) 728} \\ - \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \end{array}$$

⑤ $994 \div 7 =$ _____

$$\begin{array}{r} \square \square \square \\ 7 \overline{) 994} \\ - \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \end{array}$$

⑥ $720 \div 5 =$ _____

$$\begin{array}{r} \square \square \square \\ 5 \overline{) 720} \\ - \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \end{array}$$

⑦ $912 \div 6 =$ _____

$$\begin{array}{r} \square \square \square \\ 6 \overline{) 912} \\ - \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \end{array}$$

⑧ $968 \div 8 =$ _____

$$\begin{array}{r} \square \square \square \\ 8 \overline{) 968} \\ - \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \end{array}$$

⑨ $822 \div 3 =$ _____

$$\begin{array}{r} \square \square \square \\ 3 \overline{) 822} \\ - \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \end{array}$$

⑩ On the back of this paper, draw a picture of $304 \div 2$ in base 10 blocks.



Middleton Math

4th Grade Math - Assignment X.3

Name _____

Parent Initial _____

Instructions: Solve these long division problems:

① $136 \div 2 =$ _____

$$\begin{array}{r} \square \square \square \\ 2 \overline{) 136} \\ - \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \end{array}$$

② $824 \div 4 =$ _____

$$\begin{array}{r} \square \square \square \\ 4 \overline{) 824} \\ - \square \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \end{array}$$

③ $850 \div 5 =$ _____

$$\begin{array}{r} \square \square \square \\ 5 \overline{) 850} \\ - \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \\ - \square \\ \hline \square \end{array}$$

④ $645 \div 3 =$ _____

$$\begin{array}{r} \square \square \square \\ 3 \overline{) 645} \\ - \square \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \end{array}$$

⑤ $720 \div 9 =$ _____

$$\begin{array}{r} \square \square \square \\ 9 \overline{) 720} \\ - \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \\ - \square \\ \hline \square \end{array}$$

⑥ $738 \div 6 =$ _____

$$\begin{array}{r} \square \square \square \\ 6 \overline{) 738} \\ - \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \end{array}$$

⑦ $3086 \div 2 =$ _____

$$\begin{array}{r} \square \square \square \square \\ 2 \overline{) 3086} \\ - \square \square \square \square \\ \hline \square \square \square \square \\ - \square \square \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \\ - \square \\ \hline \square \end{array}$$

⑧ $4070 \div 5 =$ _____

$$\begin{array}{r} \square \square \square \square \\ 5 \overline{) 4070} \\ - \square \square \square \square \\ \hline \square \square \square \square \\ - \square \square \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \end{array}$$

⑨ $2718 \div 3 =$ _____

$$\begin{array}{r} \square \square \square \square \\ 3 \overline{) 2718} \\ - \square \square \square \square \\ \hline \square \square \square \square \\ - \square \square \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \end{array}$$



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4th Grade Math - Assignment X.4

Name _____

Parent Initial _____

Instructions: Solve these long division problems:

① $724 \div 3 =$ _____

$$\begin{array}{r} \square \square \square \text{ R.} \square \\ 3 \overline{) 724} \\ - \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \\ - \square \\ \hline \square \end{array}$$

② $643 \div 5 =$ _____

$$\begin{array}{r} \square \square \square \text{ R.} \square \\ 5 \overline{) 643} \\ - \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \end{array}$$

③ $814 \div 4 =$ _____

$$\begin{array}{r} \square \square \square \text{ R.} \square \\ 4 \overline{) 814} \\ - \square \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \end{array}$$

④ $988 \div 6 =$ _____

$$\begin{array}{r} \square \square \square \text{ R.} \square \\ 6 \overline{) 988} \\ - \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \end{array}$$

⑤ $461 \div 2 =$ _____

$$\begin{array}{r} \square \square \square \text{ R.} \square \\ 2 \overline{) 461} \\ - \square \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \end{array}$$

⑥ $611 \div 9 =$ _____

$$\begin{array}{r} \square \square \square \text{ R.} \square \\ 9 \overline{) 611} \\ - \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \square \\ - \square \square \\ \hline \square \end{array}$$

⑦ $3710 \div 8 =$ _____

$$\begin{array}{r} \square \square \square \square \text{ R.} \square \\ 8 \overline{) 3710} \\ - \square \square \square \square \\ \hline \square \square \square \square \\ - \square \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \square \square \end{array}$$

⑧ $8428 \div 7 =$ _____

$$\begin{array}{r} \square \square \square \square \text{ R.} \square \\ 7 \overline{) 8428} \\ - \square \square \square \square \\ \hline \square \square \square \square \\ - \square \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \end{array}$$

⑨ $4514 \div 3 =$ _____

$$\begin{array}{r} \square \square \square \square \text{ R.} \square \\ 3 \overline{) 4514} \\ - \square \square \square \square \\ \hline \square \square \square \square \\ - \square \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \end{array}$$



Middleton Math

4th Grade Math - Assignment X.1

Name Answer Key

Parent Initial _____

Instructions: Use your base-10 blocks to solve these long division problems:

① Round 3751 to the nearest 100: $3751 \approx \underline{3800}$

② Compare:

$$\frac{4}{5} = \frac{16}{20}$$

③ Compare:

$$\frac{1}{3} < \frac{2}{5}$$

④ Compare:

$$\frac{1}{6} > \frac{1}{8}$$

⑤ Multiply:

$$\begin{array}{r} 36 \\ \times 57 \\ \hline 252 \\ 1800 \\ \hline 2052 \end{array}$$

⑥ Multiply:

$$\begin{array}{r} 85 \\ \times 29 \\ \hline 765 \\ 1700 \\ \hline 2465 \end{array}$$

⑦ Multiply:

$$\begin{array}{r} 2368 \\ \times 3 \\ \hline 7104 \end{array}$$

⑧ Multiply:

$$\begin{array}{r} 1573 \\ \times 4 \\ \hline 6292 \end{array}$$

⑨ Emma the Dragon found a piece of gold that weighs 5 *kg*. How many grams does it weigh? $5 \text{ kg} = \underline{5000} \text{ g}$

⑩ Belinda the Unicorn is planting grass on her new pasture. The grass comes in 1 yard squares and Belinda's pasture is 27 yards by 50 yards. How many grass squares does she need to cover her pasture? $\underline{1350}$ *square yards*



Middleton Math

4th Grade Math - Assignment X.2

Name Answer Key

Parent Initial _____

Instructions: Use your base-10 blocks to solve these long division problems:

① $435 \div 3 = \underline{145}$

$$\begin{array}{r} 145 \\ 3 \overline{) 435} \\ - 300 \\ \hline 135 \\ - 120 \\ \hline 15 \\ - 15 \\ \hline 0 \end{array}$$

② $716 \div 2 = \underline{358}$

$$\begin{array}{r} 358 \\ 2 \overline{) 716} \\ - 600 \\ \hline 116 \\ - 100 \\ \hline 16 \\ - 16 \\ \hline 0 \end{array}$$

③ $728 \div 4 = \underline{182}$

$$\begin{array}{r} 182 \\ 4 \overline{) 728} \\ - 400 \\ \hline 328 \\ - 320 \\ \hline 8 \\ - 8 \\ \hline 0 \end{array}$$

④ $728 \div 2 = \underline{364}$

$$\begin{array}{r} 364 \\ 2 \overline{) 728} \\ - 600 \\ \hline 128 \\ - 120 \\ \hline 8 \\ - 8 \\ \hline 0 \end{array}$$

⑤ $994 \div 7 = \underline{142}$

$$\begin{array}{r} 142 \\ 7 \overline{) 994} \\ - 700 \\ \hline 294 \\ - 280 \\ \hline 14 \\ - 14 \\ \hline 0 \end{array}$$

⑥ $720 \div 5 = \underline{144}$

$$\begin{array}{r} 144 \\ 5 \overline{) 720} \\ - 500 \\ \hline 220 \\ - 200 \\ \hline 20 \\ - 20 \\ \hline 0 \end{array}$$

⑦ $912 \div 6 = \underline{152}$

$$\begin{array}{r} 152 \\ 6 \overline{) 912} \\ - 600 \\ \hline 312 \\ - 300 \\ \hline 12 \\ - 12 \\ \hline 0 \end{array}$$

⑧ $968 \div 8 = \underline{121}$

$$\begin{array}{r} 121 \\ 8 \overline{) 968} \\ - 800 \\ \hline 168 \\ - 160 \\ \hline 8 \\ - 8 \\ \hline 0 \end{array}$$

⑨ $822 \div 3 = \underline{274}$

$$\begin{array}{r} 274 \\ 3 \overline{) 822} \\ - 600 \\ \hline 222 \\ - 210 \\ \hline 12 \\ - 12 \\ \hline 0 \end{array}$$

⑩ On the back of this paper, draw a picture of $304 \div 2$ in base 10 blocks.

See next page

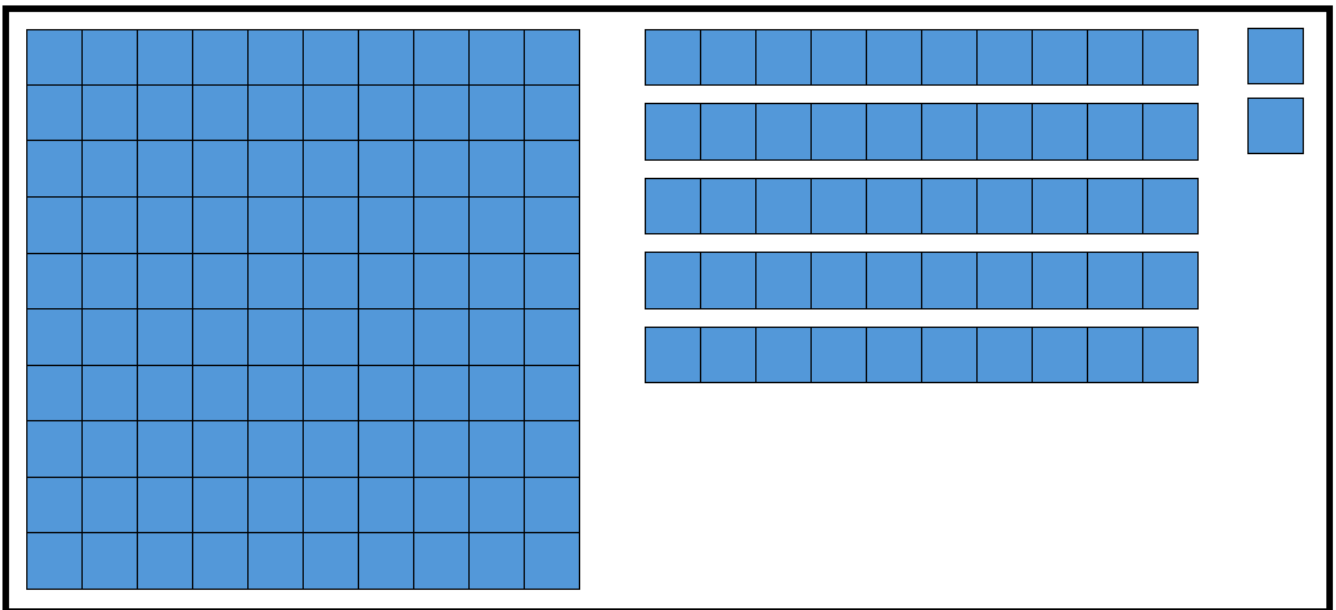
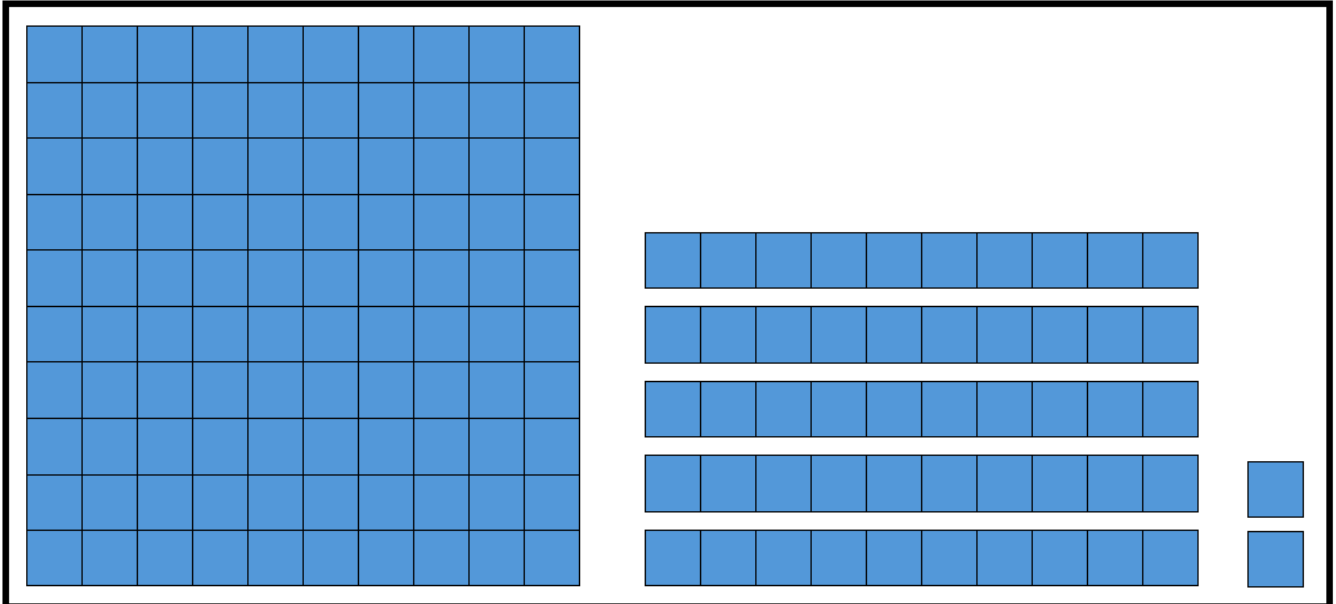


Middleton Math

4th Grade Math - Assignment X.2

Name Answer Key
Parent Initial _____

This is one possible picture that shows $304 \div 2$ in base 10 blocks.
It is OK if your picture looks different.





Middleton Math

4th Grade Math - Assignment X.3

Name Answer Key

Parent Initial _____

Instructions: Solve these long division problems:

① $136 \div 2 = \underline{68}$

$$\begin{array}{r} 068 \\ 2 \overline{) 136} \\ - 000 \\ \hline 136 \\ - 120 \\ \hline 16 \\ - 16 \\ \hline 0 \end{array}$$

② $824 \div 4 = \underline{206}$

$$\begin{array}{r} 206 \\ 4 \overline{) 824} \\ - 800 \\ \hline 24 \\ - 00 \\ \hline 24 \\ - 24 \\ \hline 0 \end{array}$$

③ $850 \div 5 = \underline{170}$

$$\begin{array}{r} 170 \\ 5 \overline{) 850} \\ - 500 \\ \hline 350 \\ - 350 \\ \hline 0 \\ - 0 \\ \hline 0 \end{array}$$

④ $645 \div 3 = \underline{215}$

$$\begin{array}{r} 215 \\ 3 \overline{) 645} \\ - 600 \\ \hline 45 \\ - 30 \\ \hline 15 \\ - 15 \\ \hline 0 \end{array}$$

⑤ $720 \div 9 = \underline{80}$

$$\begin{array}{r} 080 \\ 9 \overline{) 720} \\ - 000 \\ \hline 720 \\ - 720 \\ \hline 0 \\ - 0 \\ \hline 0 \end{array}$$

⑥ $738 \div 6 = \underline{123}$

$$\begin{array}{r} 123 \\ 6 \overline{) 738} \\ - 600 \\ \hline 138 \\ - 120 \\ \hline 18 \\ - 18 \\ \hline 0 \end{array}$$

⑦ $3086 \div 2 = \underline{1543}$

$$\begin{array}{r} 1543 \\ 2 \overline{) 3086} \\ - 2000 \\ \hline 1086 \\ - 1000 \\ \hline 86 \\ - 80 \\ \hline 6 \\ - 6 \\ \hline 0 \end{array}$$

⑧ $4070 \div 5 = \underline{814}$

$$\begin{array}{r} 0814 \\ 5 \overline{) 4070} \\ - 0000 \\ \hline 4070 \\ - 4000 \\ \hline 70 \\ - 50 \\ \hline 20 \\ - 20 \\ \hline 0 \end{array}$$

⑨ $2718 \div 3 = \underline{906}$

$$\begin{array}{r} 0906 \\ 3 \overline{) 2718} \\ - 0000 \\ \hline 2718 \\ - 2700 \\ \hline 18 \\ - 00 \\ \hline 18 \\ - 18 \\ \hline 0 \end{array}$$



Middleton Math

4th Grade Math - Assignment X.4

Name Answer Key

Parent Initial _____

Instructions: Solve these long division problems:

① $724 \div 3 = \underline{241 R.1}$

$$\begin{array}{r} 241 \text{ R.1} \\ 3 \overline{) 724} \\ - 600 \\ \hline 124 \\ - 120 \\ \hline 4 \\ - 3 \\ \hline 1 \end{array}$$

② $643 \div 5 = \underline{128 R.3}$

$$\begin{array}{r} 128 \text{ R.3} \\ 5 \overline{) 643} \\ - 500 \\ \hline 143 \\ - 100 \\ \hline 43 \\ - 40 \\ \hline 3 \end{array}$$

③ $814 \div 4 = \underline{203 R.2}$

$$\begin{array}{r} 203 \text{ R.2} \\ 4 \overline{) 814} \\ - 800 \\ \hline 14 \\ - 00 \\ \hline 14 \\ - 12 \\ \hline 2 \end{array}$$

④ $988 \div 6 = \underline{164 R.4}$

$$\begin{array}{r} 164 \text{ R.4} \\ 6 \overline{) 988} \\ - 600 \\ \hline 388 \\ - 360 \\ \hline 28 \\ - 24 \\ \hline 4 \end{array}$$

⑤ $461 \div 2 = \underline{230 R.1}$

$$\begin{array}{r} 230 \text{ R.1} \\ 2 \overline{) 461} \\ - 400 \\ \hline 61 \\ - 60 \\ \hline 1 \\ - 0 \\ \hline 1 \end{array}$$

⑥ $611 \div 9 = \underline{67 R.8}$

$$\begin{array}{r} 067 \text{ R.8} \\ 9 \overline{) 611} \\ - 000 \\ \hline 611 \\ - 540 \\ \hline 71 \\ - 63 \\ \hline 8 \end{array}$$

⑦ $3710 \div 8 = \underline{463 R.6}$

$$\begin{array}{r} 0463 \text{ R.6} \\ 8 \overline{) 3710} \\ - 0000 \\ \hline 3710 \\ - 3200 \\ \hline 510 \\ - 480 \\ \hline \square 30 \\ - \square 24 \\ \hline \square \square 6 \end{array}$$

⑧ $8428 \div 7 = \underline{1204}$

$$\begin{array}{r} 1204 \text{ R.0} \\ 7 \overline{) 8428} \\ - 7000 \\ \hline 1428 \\ - 1400 \\ \hline 28 \\ - 00 \\ \hline 28 \\ - 28 \\ \hline 0 \end{array}$$

⑨ $4514 \div 3 = \underline{1504 R.2}$

$$\begin{array}{r} 1504 \text{ R.2} \\ 3 \overline{) 4514} \\ - 3000 \\ \hline 1514 \\ - 1500 \\ \hline 14 \\ - 00 \\ \hline 14 \\ - 12 \\ \hline 2 \end{array}$$