Name Answers Date

Whole Numbers Math – Review for final test

These problems are good practice for the final test.
Please show your work.

Perform each operation.

1) 268 + 547 + 436

$$\begin{array}{r} {\scriptstyle 1\ 2} \\ 268 \\ 547 \\ +\ 436 \\ \hline 1251 \end{array}$$

1,251

2) 9.929 + 431

$$\begin{array}{r} {\scriptstyle 1\ \ 1} \\ 9.929 \\ 031 \\ +\ 431 \\ \hline 10391 \end{array}$$

10,391

3) 456 − 135

$$\begin{array}{r} 456 \\ -\ 135 \\ \hline 321 \end{array}$$

321

4) 6,020 − 78

$$\begin{array}{r} {\scriptstyle 5\ \ 9\ 11\ 10} \\ 6,020 \\ -\ \ 78 \\ \hline 5942 \end{array}$$

5,942

5) 125 x 4

$$\begin{array}{r} {\scriptstyle 1\ 2} \\ 125 \\ \times\ \ 4 \\ \hline 500 \end{array}$$

500

6) 831 x 60

$$\begin{array}{r} {\scriptstyle 1} \\ 831 \\ \times\ 60 \\ \hline 000 \\ +\ 49860 \\ \hline 49860 \end{array}$$

49,860

7) 691 x 74

$$\begin{array}{r} {\scriptstyle 6\ \ 3} \\ 691 \\ \times\ 74 \\ \hline {\scriptstyle 1}\ 2764 \\ +\ 48370 \\ \hline 51134 \end{array}$$

51,134

Name Answers Date

Whole Numbers Math – Review for final test

*You may get remainders with the division problems.
*Do NOT give decimals or fractions in your answer.

8) $199 \div 4$

$4\overline{)199}$ → 49 r3

$-16\downarrow$

39

-36

3

49 r3

9) $8\overline{)9200}$ → 1150 r0

$-8\downarrow$

12

$-8\downarrow$

40

-40

00

-0

0

1,150 r 0 or 1,150

10) $23\overline{)1852}$ → 80 r12

$-184\downarrow$

0012

-0

12

80 r12

11) Write each number with numerals.

(a) Ninety eight thousand, five hundred sixty-five 98,565

(b) Fifteen thousand, fifty-three 15,053

(c) Forty thousand, five 40,005

12)

(a) What is the sum of 14 and 7? + 14+7=21

(b) What is the difference of 14 and 7? − 14−7=7

(c) What is the product of 14 and 7? × $\begin{array}{r} 14 \\ \times\ 7 \\ \hline 98 \end{array}$ 98

(d) What is the quotient of 14 and 7? ÷ $7\overline{)14}$ → 2

13)

(a) What is 24 plus 8? + 24+8=32

(b) What is 24 minus 8? − $\begin{array}{r} 24 \\ -\ 8 \\ \hline 16 \end{array}$ 16

(c) What is 24 times 8? × 192

(d) What is 24 divided by 8? ÷ $8\overline{)24}$ → 3

$\begin{array}{r} 24 \\ \times\ 8 \\ \hline 192 \end{array}$

Name Answers Date

Whole Numbers Math – Review for final test

*Please show your work on the word problems.

14) Marion makes $17 per hour at her job. She has worked there for 3 years. How much will she get paid for 34 hours of work?

$\frac{\$17}{1\text{ hour}}$ or $\frac{1\text{ hour}}{\$17}$

3 years → extra info, not needed

$$34\text{ hours} \times \frac{\$17}{1\text{ hour}} = 34 \times 17 \div 1$$

$$578 \div 1$$

$$= \$578$$

$$\begin{array}{r} 2 \\ 34 \\ \times\ 17 \\ \hline 238 \\ +340 \\ \hline 578 \end{array}$$

15) Matt has $2,678 in his bank account. If he deposits $33 today and then withdraws $868 tomorrow, what will be the balance of his account?

Deposit $33

$$\begin{array}{r} 1\ 1 \\ 2678 \\ +\ \ 33 \\ \hline 2711 \end{array}$$

withdraw $868

$$\begin{array}{r} {\scriptstyle 1}\ {\scriptstyle 16}\ {\scriptstyle 10}\ {\scriptstyle 11} \\ \$\,7\,X\,X \\ -\ \ 868 \\ \hline 1843 \end{array}$$

$1,843

16) Oscar can buy 7 movies for $105. At this rate, how much does one movie cost?

$\frac{7\text{ movies}}{\$105}$ or $\frac{\$105}{7\text{ movies}}$

$$1\text{ movie} \times \frac{\$105}{7\text{ movies}} = 1 \times 105 \div 7$$

$$105 \div 7$$

$$7\overline{)105}$$

$$\begin{array}{r} 15 \\ -7\downarrow \\ \hline 35 \\ -35 \\ \hline 0 \end{array}$$

$15

Name Answers Date

Whole Numbers Math – Review for final test

*Please show your work on the word problems.

17) Doris brings 20 apples to a picnic. Yin brings 8 oranges. Hamdi brings 5 apples. Deysi brings 11 apples. How many apples are there total?

Yin brings 8 oranges → extra info, not needed

$$\begin{array}{r} 20 \\ 5 \\ +\ 11 \\ \hline 36 \end{array}$$

36 apples

18) A classroom is arranged with the desks in rows. Each row has 6 desks. If there are 78 desks total, how many rows are there?

$\frac{1 \text{ row}}{6 \text{ desks}}$ or $\frac{6 \text{ desks}}{1 \text{ row}}$

$78 \text{ desks} \times \frac{1 \text{ row}}{6 \text{ desks}} = 78 \times 1 \div 6$

$78 \div 6$

$$\begin{array}{r} 13 \\ 6\overline{)78} \\ -6\downarrow \\ \hline 18 \\ -18 \\ \hline 0 \end{array}$$

13 rows

19) Mohamed rides his bike at 14 miles per hour. Carlos drives his car at 30 miles per hour. How much faster is Carlos traveling?

* Even though they give us rates (miles per hour), we will just subtract

$$\begin{array}{r} 2\,30^{10} \\ -14 \\ \hline 16 \end{array}$$

16 miles per hour