Name Answers Date

Whole Numbers – Division Quiz

Please make your answers easy to find and read. Show work.

Divide. You may get some remainders.

1) $75 \div 3$

$$3\overline{)75} = 25$$

-6

15

-15

0

2) $4\overline{)938}$

$234 \text{ r } 2$

-8

13

-12

18

-16

2

3) $4{,}856 \div 8$

$$8\overline{)4856} = 607$$

-48

056

-56

0

4) $28\overline{)4{,}536}$

162

-28

173

-168

56

-56

0

$4 \times 35 = 280$

35×8

5) $38{,}060 \div 35$

$1087 \text{ r } 15$

-35

306

-280

260

-245

15

Decide which operation to use. Then answer the question.

(For #6 and 7) Kevin works 4 days a week for $18 an hour.

6) How many hours does he need to work to make $54?

$$\$54 \times \frac{1 \text{ hour}}{\$18}$$

$$= 54 \times 1 \div 18$$

$$54 \div 18 = 3 \text{ hours}$$

7) How much would he get paid for 54 hours of work?

$$54 \text{ hours} \times \frac{\$18}{1 \text{ hour}}$$

$$= 54 \times 18 \div 1$$

$$972 \div 1 = \$972$$

54×18

432

$+ 54$

972

8) For another job, Kevin was paid $120 for 5 hours of work. How much is that per hour?

$$1 \text{ hour} \times \frac{\$120}{5 \text{ hours}}$$

$$= 1 \times 120 \div 5$$

$$120 \div 5 = \$24$$

9) For yet another job, Kevin was paid $94 for 7 hours of work. He spent $27. How much does he have left?

$8\ 9\ 4$

$-\ 27$

$\$67$

10a) What is $1 \div 0$?

Undefined

10b) What is $0 \div 1$?

0