1) 17 × 60

2) 46 × 70

3) 19 × 10

Answers

2

4) 34 ×10

5) 49 × 40

6) 31 × 90 4. _____

7) 44 × 10

8) 89 × 60 9) 86 × 30 7. _____

). _____

10) 93 × 90 11) 27 × 10 12) 98 × 60

11.

2. _____

13) 91 × 90 14) 25 × 60 15) 82 × 70

14. _____

16) 11 ×90

17) 94 × 10

18) 33 × 40 17.

18.



Multiplication with Multiples of Ten

Name:

Answer Key

Solve each problem.

1) 17 $\times 60$ 1,020

34

4)

2) $46 \times 70 \over 3,220$

49

5)

3) $19 \times 10 \over 190$

6)

31

1,020

Answers

3,220

s. <u>190</u>

4.

340

5. **1,960**

6. **2,790**

7) 44 ×10 8) 89 $\times 60$ 5,340

9) 86 $\times 30$ 2,580

7. 440

2,580

10) 93 $\times 90$ 8,370

 $\begin{array}{c}
11) \quad 27 \\
\times 10 \\
\hline
270
\end{array}$

 $\begin{array}{ccc}
 & 98 \\
 & \times & 60 \\
\hline
 & 5,880
\end{array}$

11. ____270

2. 5,880

3. **8,190**

....

5,740

6. **990**

17. **940**

_{8.} 1,320

 14) 25 $\times 60$ 1,500

15) 82 $\times 70$ 5,740

16) 11 $\times 90$ 990

17) 94 $\frac{\times 10}{940}$

18) 33 $\times 40$ 1,320



Division Word Problems (3÷1) w/ Remainder

1

Name:

1

279

Solve each problem.

1

2 5 103 105 32

38

<u>Answers</u>

1. _____

2. _____

3. _____

4.

5. _____

6. _____

7. _____

8. _____

9.

10. _____

1) It takes eight grams of plastic to make a ruler. If a company had eight hundred twenty-eight grams of plastic, how many entire rulers could they make?

2) A movie store had nine hundred ninety-nine movies they were putting on five shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?

3) Robin is making bead necklaces. She wants to use four hundred ninety-four beads to make three necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

4) A school had nine hundred thirty-five students sign up for the trivia teams. If they wanted to have six team, with the same number of students on each team, how many more students would need to sign up?

5) A store owner had eight employees and bought nine hundred fifty-five uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?

6) A food company has eight hundred thirty-nine kilograms of food to put into boxes. If each box gets exactly three kilograms, how many full boxes will they have?

7) A clown needed three hundred one balloons for a party he was going to, but the balloons only came in packs of eight. How many packs of balloons would he need to buy?

8) A grocery store needed nine hundred thirty-eight cans of peas. If the peas come in boxes with nine cans in each box, how many boxes would they need to order?

9) There are two hundred eighty-seven people attending a luncheon. If a table can hold nine people, how many tables do they need?

10) A baker had two boxes for donuts. He ended up making five hundred fifty-one donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?



Division Word Problems (3÷1) w/ Remainder

Name:

Answer Key

Solve each problem.

1)	It takes eight grams of plastic to make a ruler. If a company had
	eight hundred twenty-eight grams of plastic, how many entire
	rulers could they make?

$$828 \div 8 = 103 \text{ r4}$$

103

Answers

- 2) A movie store had nine hundred ninety-nine movies they were putting on five shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
- $999 \div 5 = 199 \text{ r4}$

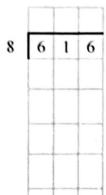
- 3) Robin is making bead necklaces. She wants to use four hundred ninety-four beads to make three necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?
- $494 \div 3 = 164 \text{ r}2$

279

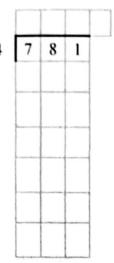
105

- 4) A school had nine hundred thirty-five students sign up for the trivia teams. If they wanted to have six team, with the same number of students on each team, how many more students would need to sign up?
- $935 \div 6 = 155 \text{ r5}$
- 38
- 5) A store owner had eight employees and bought nine hundred fifty- $955 \div 8 = 119 \text{ r}$ 3 five uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?
- 6) A food company has eight hundred thirty-nine kilograms of food to $839 \div 3 = 279 \text{ r}2$ put into boxes. If each box gets exactly three kilograms, how many full boxes will they have?
- 7) A clown needed three hundred one balloons for a party he was going to, but the balloons only came in packs of eight. How many packs of balloons would he need to buy?
- $301 \div 8 = 37 \text{ r5}$
- 8) A grocery store needed nine hundred thirty-eight cans of peas. If the peas come in boxes with nine cans in each box, how many boxes would they need to order?
- $938 \div 9 = 104 \text{ r}2$
- 9) There are two hundred eighty-seven people attending a luncheon. If a table can hold nine people, how many tables do they need?
- $287 \div 9 = 31 \text{ r8}$
- 10) A baker had two boxes for donuts. He ended up making five hundred fifty-one donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- $551 \div 2 = 275 \text{ r}$

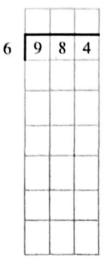
1)



2)



3)



Answers

1.

2.

3. _____

4. _____

5.

6.

7. _____

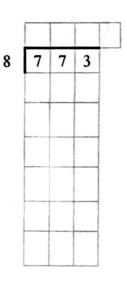
3. _____

9.

8 8 9

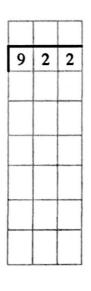
8

7)

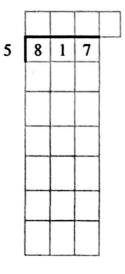


8)

2



9)





Vertical Division with a Helper Grid

Answer Key

Solve each problem.

1)

		0	7	7
8		6	1	6
	-	0		
		6	1	
	-	5	6	
			5	6
		-	5	6
				0

2)

		1	9	5	r 1
1		7	8	1	5
	-	4			
		3	8		
	-	3	6	3	
			2	1	
		•	2	0	
				1	

3)

6

	1	6	4
	9	8	4
-	6		
	3	8	
-	3	6	
		2	4
	-	2	4
			0

Name:

Answers

1. ____77

_{2.} 195r 1

_{3.} 164

4. 223

5. 315r 1

6. 112r 2

7. 96r 5

8. 461

_{9.} 163r 2

4)		2	2	3
	2	4	4	6
		4		
		0	4	
	- 3	-	4	
			0	6
			-	6
				0

1

7)		0	9	6	r 5
	8	7	7	3	
	-	0			
		7	7		
	-	7	2		
			5	3	
		-	4	8	

5

9)			1	6	3	r 2
	5		8	1	7	
		-	5			
			3	1		
		-	3	0		
				1	7	
			-	1	5	
					2	

D	olve each problem	I.				
	88	100	139	75	129	
	113	88	94	106	60	

Answers

1.

2. _____

3.

5. _____

6.

7. _____

8. _____

9. _____

10. _____

- 1) A mailman has to give out 752 pieces of junk mail. If he goes to 8 blocks how many pieces of junk mail should he give each block?
- 2) Sarah had 450 pennies. If she put them into stacks with 6 in each stack, how many stacks could she make?
- 3) The roller coaster at the state fair costs 9 tickets per ride. If you had 900 tickets, how many times could you ride it?
- 4) Katie had 903 video games. If she placed the games into 7 different stacks, how many games would be in each stack?
- 5) A school ordered 904 new pencils for the state tests. If they gave each student 8 pencils, how many students are in the school?
- 6) An ice machine had 973 ice cubes in it. If you were filling up 7 ice chests and each chest got the same number of cubes, how many ice cubes would each chest get?
- 7) Zoe had 616 quarters. If it costs 7 quarters for each coke from a coke machine, how many could she buy?
- 8) Luke was played 5 rounds of a trivia game and scored 300 points. If he gained the same number of points each round, how many points did he score per round?
- 9) A pallet of boxes weighed 352 kilograms. If there were 4 boxes on the pallet and each box weighed the same amount, how much did each weigh?
- 10) Isabel uploaded 742 pics to Facebook. If she put the pics into 7 albums with the same number of photos in each album, how many photos were in each album?

- 1) A mailman has to give out 752 pieces of junk mail. If he goes to 8 blocks how many pieces of junk mail should he give each block?
- 1. 94

Answers

- 2) Sarah had 450 pennies. If she put them into stacks with 6 in each stack, how many stacks could she make?
- ____75
- 3) The roller coaster at the state fair costs 9 tickets per ride. If you had 900 tickets, how many times could you ride it?
- 129

100

- 5 113
- 4) Katie had 903 video games. If she placed the games into 7 different stacks, how many games would be in each stack?
- 6. ____139
- 5) A school ordered 904 new pencils for the state tests. If they gave each student 8 pencils, how many students are in the school?
- . 88

- 6) An ice machine had 973 ice cubes in it. If you were filling up 7 ice chests and each chest
- 8. 60

- got the same number of cubes, how many ice cubes would each chest get?
- e. <u>88</u>

- 7) Zoe had 616 quarters. If it costs 7 quarters for each coke from a coke machine, how many could she buy?
- 10 106

- 8) Luke was played 5 rounds of a trivia game and scored 300 points. If he gained the same number of points each round, how many points did he score per round?
- 9) A pallet of boxes weighed 352 kilograms. If there were 4 boxes on the pallet and each box weighed the same amount, how much did each weigh?
- 10) Isabel uploaded 742 pics to Facebook. If she put the pics into 7 albums with the same number of photos in each album, how many photos were in each album?