

Division

Unit Test, Form A (page 1 of 2)

Score _____ / 10

1. Divide.

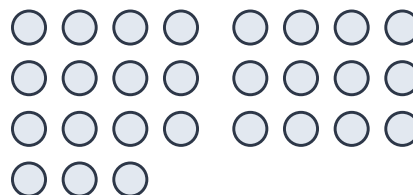
$$320 \div 8 = \underline{\hspace{2cm}}$$

$$2,800 \div 7 = \underline{\hspace{2cm}}$$

$$3,000 \div 6 = \underline{\hspace{2cm}}$$

$$8,000 \div 4 = \underline{\hspace{2cm}}$$

2. Circle groups of 4. Then fill in the blanks.



$$27 \div 4 = \underline{\hspace{1cm}} \text{ R } \underline{\hspace{1cm}}$$

3. Write the missing sides. Then divide.

3	600	240	12

$$852 \div 3 = \underline{\hspace{2cm}}$$

4. Divide with partial quotients.

$$4 \overline{) 1867}$$

R _____

5. Divide. Write the remainder.

$$4 \overline{) 943}$$

R _____

6. Divide.

$$6 \overline{) 3624}$$

Division

Unit Test, Form A (page 2 of 2)

- 7. Estimate with numbers that divide easily. Is the answer reasonable?**

$$1,592 \div 4 = 398 \quad \text{Yes} \quad \text{No}$$

Estimate _____ $\div$ _____ = _____

$$5,481 \div 9 = 69 \quad \text{Yes} \quad \text{No}$$

Estimate _____ $\div$ _____ = _____

- 8. Divide. Then answer the question.**

A school has **138** students going on a trip. Each van holds **8** students. How many vans do they need?

_____ $\div$ _____ = _____ R _____
 _____ vans

- 9. Divide. Then answer the question.**

Liam has **194** stickers. He puts **6** stickers on each page. How many stickers are left over?

_____ $\div$ _____ = _____ R _____
 _____ stickers

- 10. Write an equation with a letter for the unknown. Solve.**

A tree is **96** feet tall. It is **4** times as tall as a house. How many feet tall is the house?

Equation _____
 _____ feet

Unit Test, Form B (page 1 of 2)

Score / 10

$$490 \div 7 =$$

$$6,300 \div 9 =$$

$$2,000 \div 5 =$$

$$6,000 \div 2 =$$

20 ÷ 3 = R

4	800	120	16
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$$936 \div 4 =$$

[illegible][illegible]

$$\begin{array}{r} 5 \overline{) 4535} \\ \hline \end{array}$$

Division

Unit Test, Form B (page 2 of 2)

- 7. Estimate with numbers that divide easily. Is the answer reasonable?**

$$2,424 \div 8 = 33 \quad \text{Yes} \quad \text{No}$$

Estimate _____ $\div$ _____ = _____

$$2,745 \div 9 = 305 \quad \text{Yes} \quad \text{No}$$

Estimate _____ $\div$ _____ = _____

- 8. Divide. Then answer the question.**

A baker has **125** muffins. Each box holds **6** muffins. How many boxes does she need for all of them?

_____ $\div$ _____ = _____ R _____
 _____ boxes

- 9. Divide. Then answer the question.**

A farmer has **230** eggs. She puts **9** eggs in each basket. How many eggs are left over?

_____ $\div$ _____ = _____ R _____
 _____ eggs

- 10. Write an equation with a letter for the unknown. Solve.**

A bike costs **135** dollars. That is **5** times as much as a helmet costs. How many dollars does the helmet cost?

Equation _____
 _____ dollars

Division

Unit Test, Form A (page 1 of 2)

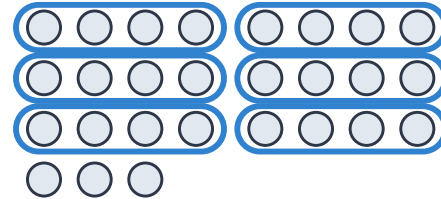
Score _____ / 10

1. Divide.

$$\begin{aligned} 320 \div 8 &= \underline{40} \\ 2,800 \div 7 &= \underline{400} \\ 3,000 \div 6 &= \underline{500} \\ 8,000 \div 4 &= \underline{2,000} \end{aligned}$$

Lesson 5.1 · Divide tens, hundreds and thousands

2. Circle groups of 4. Then fill in the blanks.



$$27 \div 4 = \underline{6} \text{ R } \underline{3}$$

Lesson 5.2 · Remainders

3. Write the missing sides. Then divide.

	<u>200</u>	<u>80</u>	<u>4</u>
3	600	240	12

$$852 \div 3 = \underline{284}$$

Lesson 5.3 · Divide with blocks and area models

4. Divide with partial quotients.

4	)	1	8	6	7		One way
		-	1	6	0	0	<u>400</u>
				2	6	7	
			-	2	4	0	<u>60</u>
					2	7	
				-	2	4	<u>6</u>
						3	<u>466</u> R <u>3</u>

Lesson 5.4 · Partial quotients

5. Divide. Write the remainder.

		<u>2</u>	<u>3</u>	<u>5</u>		R	<u>3</u>
4	)	9	4	3			
		-	8				
			1	4			
		-	1	2			
				2	3		
			-	2	0		
					3		

Lesson 5.5 · Long division

6. Divide.

		<u>6</u>	<u>0</u>	<u>4</u>	
6	)	3	6	2	4
		-	3	6	
				2	
			-	0	
				2	4
			-	2	4
					0

Lesson 5.6 · Zeros in the quotient

Division

Unit Test, Form A (page 2 of 2)

7. Estimate with numbers that divide easily. Is the answer reasonable?

$$1,592 \div 4 = 398$$

Yes No

Estimate $\underline{1,600} \div \underline{4} = \underline{400}$
One way

$$5,481 \div 9 = 69$$

Yes No

Estimate $\underline{5,400} \div \underline{9} = \underline{600}$
One way

Lesson 5.7 · Estimate quotients

8. Divide. Then answer the question.

A school has **138** students going on a trip. Each van holds **8** students. How many vans do they need?

$$\underline{138} \div \underline{8} = \underline{17} \text{ R } \underline{2}$$

18 vans

Lesson 5.8 · What the remainder means

9. Divide. Then answer the question.

Liam has **194** stickers. He puts **6** stickers on each page. How many stickers are left over?

$$\underline{194} \div \underline{6} = \underline{32} \text{ R } \underline{2}$$

2 stickers

Lesson 5.8 · What the remainder means

10. Write an equation with a letter for the unknown. Solve.

A tree is **96** feet tall. It is **4** times as tall as a house. How many feet tall is the house?

Equation $\underline{96 \div 4 = h}$

One way

24 feet

Lesson 5.9 · Divide to compare

Division

Unit Test, Form B (page 1 of 2)

Score _____ / 10

1. Divide.

$$490 \div 7 = \underline{70}$$

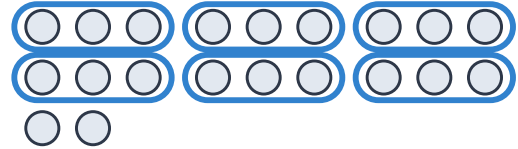
$$6,300 \div 9 = \underline{700}$$

$$2,000 \div 5 = \underline{400}$$

$$6,000 \div 2 = \underline{3,000}$$

Lesson 5.1 · Divide tens, hundreds and thousands

2. Circle groups of 3. Then fill in the blanks.



$$20 \div 3 = \underline{6} \text{ R } \underline{2}$$

Lesson 5.2 · Remainders

3. Write the missing sides. Then divide.

	<u>200</u>	<u>30</u>	<u>4</u>
4	800	120	16

$$936 \div 4 = \underline{234}$$

Lesson 5.3 · Divide with blocks and area models

4. Divide with partial quotients.

7	)	2	6	1	5		One way
-		2	1	0	0		300
			5	1	5		
-			4	9	0		70
				2	5		
			-	2	1		3
					4		373 R 4

Lesson 5.4 · Partial quotients

5. Divide. Write the remainder.

		<u>2</u>	<u>7</u>	<u>6</u>		R	<u>1</u>
3	)	8	2	9			
-		6					
		2	2				
-		2	1				
			1	9			
		-	1	8			
				1			

Lesson 5.5 · Long division

6. Divide.

		<u>9</u>	<u>0</u>	<u>7</u>	
5	)	4	5	3	5
-		4	5		
			3		
		-	0		
			3	5	
		-	3	5	
				0	

Lesson 5.6 · Zeros in the quotient

Division

Unit Test, Form B (page 2 of 2)

7. Estimate with numbers that divide easily. Is the answer reasonable?

$$2,424 \div 8 = 33$$

Yes ☒ No

Estimate $\frac{2,400}{\text{One way}} \div 8 = 300$

$$2,745 \div 9 = 305$$

☒ Yes No

Estimate $\frac{2,700}{\text{One way}} \div 9 = 300$

Lesson 5.7 · Estimate quotients

8. Divide. Then answer the question.

A baker has **125** muffins. Each box holds **6** muffins. How many boxes does she need for all of them?

$$\frac{125}{} \div \frac{6}{} = \frac{20}{} \text{ R } \frac{5}{}$$

21 boxes

Lesson 5.8 · What the remainder means

9. Divide. Then answer the question.

A farmer has **230** eggs. She puts **9** eggs in each basket. How many eggs are left over?

$$\frac{230}{} \div \frac{9}{} = \frac{25}{} \text{ R } \frac{5}{}$$

5 eggs

Lesson 5.8 · What the remainder means

10. Write an equation with a letter for the unknown. Solve.

A bike costs **135** dollars. That is **5** times as much as a helmet costs. How many dollars does the helmet cost?

Equation $\frac{135 \div 5 = c}{}$

One way

27 dollars

Lesson 5.9 · Divide to compare