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EXPO  
2020  
DUBAI  
UAE





2021

## My Calendar

2022

Day

Date

Month

Year

3 9

2021

Today the weather is...



Date

3

2

1

6

5

4

9

8

7

3

2

1

0

weather



Sunday

Thursday

Monday

Friday

Tuesday

Saturday

Wednesday

January

February

March

April

May

June

July

August

September

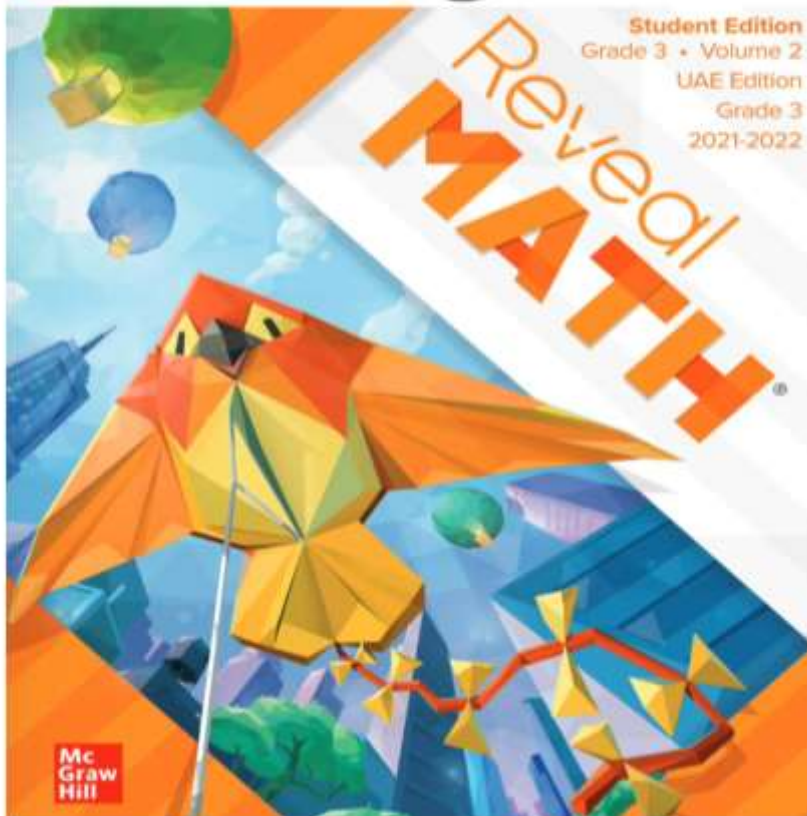
October

November

December



UNITED ARAB EMIRATES  
MINISTRY OF EDUCATION



Lesson: 9-8  
**Divide by 7**

**Be Curious**  
Which doesn't belong?

28 days      42 days  
31 days      49 days

**Math is... Mindset**  
How can your strengths in other areas help you in math?

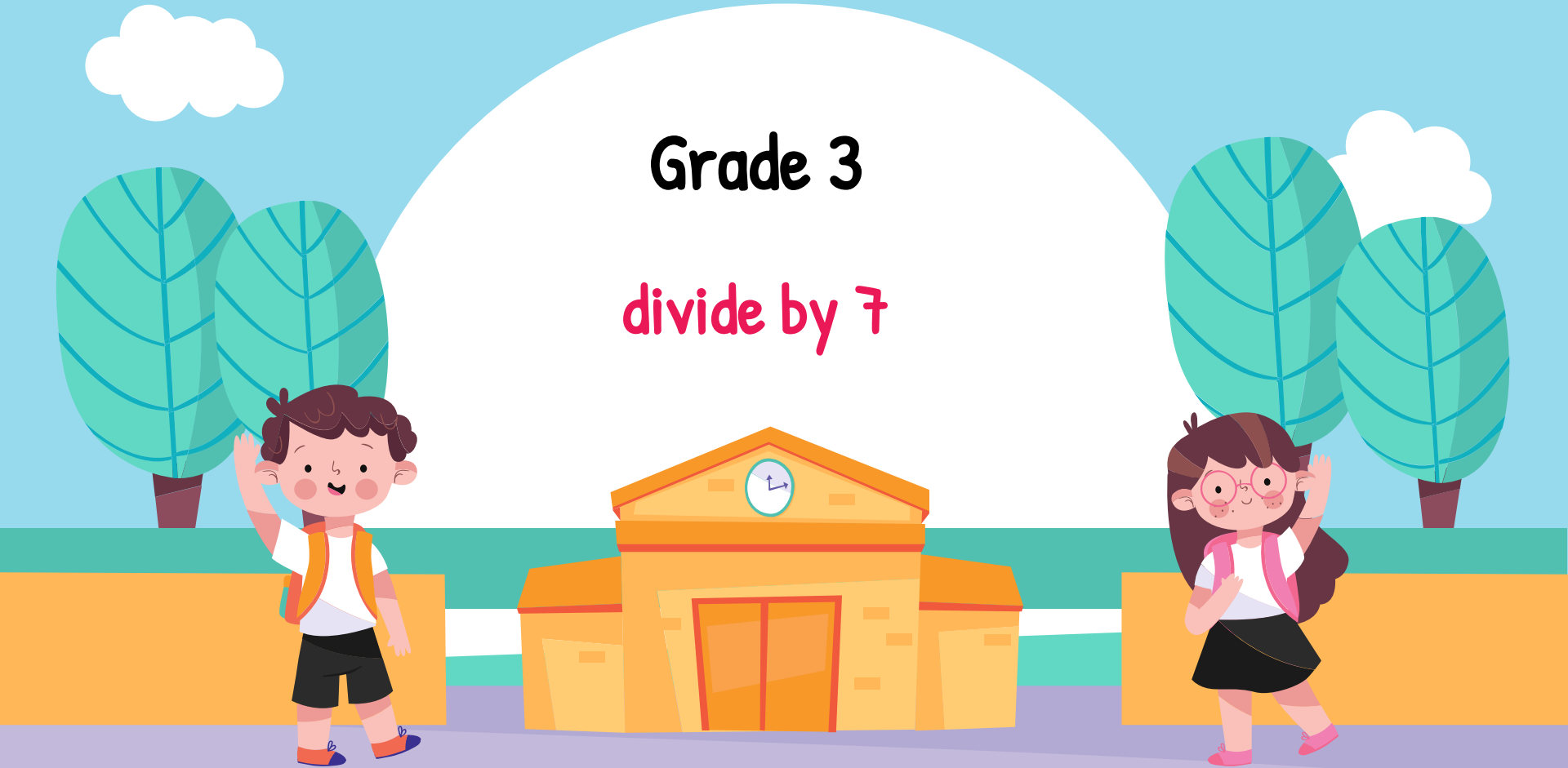
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**Unit 9  
Lesson 8**

Grade 3

divide by 7



# Success Criteria :

I can divide by 7.

I can use fact triangle to divide



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# Vocabulary :

What do we call :


$$4 \times 8 = 32$$

products

factors

# Vocabulary :

What do we call :


$$40 \div 8 = 5$$

product

quotient

Problem of the day:

For this activity :

Write your answer on paper /  
whiteboard.

Wait until the timer goes, then  
reveal your answer.

You **MUST** write a number sentence!



## Learn

How can you determine the number of weeks that are equal to each number of days?

Days	7	14	21	28	35	42
Weeks	1	?	?	?	?	?

You can divide each number by 7 because 1 week equals 7 days.  
Use a related multiplication fact to find the unknown.

$$14 \div 7 = ?$$

$$7 \times ? = 14$$

$$14 \div 7 = 2$$

$$7 \times 2 = 14$$

14 days is equal to 2 weeks.

×	0	1	2	3	4	5	6	7	8	9	10
0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10
2	0	2	4	6	8	10	12	14	16	18	20
3	0	3	6	9	12	15	18	21	24	27	30
4	0	4	8	12	16	20	24	28	32	36	40
5	0	5	10	15	20	25	30	35	40	45	50
6	0	6	12	18	24	30	36	42	48	54	60
7	0	7	14	21	28	35	42	49	56	63	70
8	0	8	16	24	32	40	48	56	64	72	80
9	0	9	18	27	36	45	54	63	72	81	90
10	0	10	20	30	40	50	60	70	80	90	100

The relationship between multiplication and division can be used to divide by 7.

**Math is...** Perseverance

What steps can you take to find the rest of the number of weeks?

 **Work Together**

How can Wes use the multiplication fact table to complete  $63 \div 7$ ?

$$7 \times 9 = 63$$

The unknown is 9

On My Own



Name \_\_\_\_\_

What is the quotient?

Use the related multiplication fact and the multiplication fact table.

1.  $63 \div 7 = \underline{9}$   
 $7 \times \underline{9} = 63$

2.  $21 \div 7 = \underline{3}$   
 $7 \times \underline{3} = 21$

3.  $7 \div 1 = \underline{7}$   
 $7 \times \underline{1} = 7$

4.  $42 \div 7 = \underline{6}$   
 $7 \times \underline{6} = 42$

×	0	1	2	3	4	5	6	7	8	9	10
0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10
2	0	2	4	6	8	10	12	14	16	18	20
3	0	3	6	9	12	15	18	21	24	27	30
4	0	4	8	12	16	20	24	28	32	36	40
5	0	5	10	15	20	25	30	35	40	45	50
6	0	6	12	18	24	30	36	42	48	54	60
7	0	7	14	21	28	35	42	49	56	63	70
8	0	8	16	24	32	40	48	56	64	72	80
9	0	9	18	27	36	45	54	63	72	81	90
10	0	10	20	30	40	50	60	70	80	90	100

What number makes the equation true?

5.  $28 \div 7 =$  4

6.  $56 \div 7 =$  8

7. 10  $= 70 \div 7$

8. 5  $= 35 \div 7$

9.  $49 \div 7 =$  7

10.  $14 \div 7 =$  2

11. Which equations are true? Circle all the correct answers.

$42 \div 7 = 6$

$9 = 49 \div 7$

$54 \div 9 = 7$

$4 = 28 \div 7$

12. Luke reads the same number of pages of his book each day. He reads 49 pages in 1 week. How many pages does Luke read each day? Explain.

$$1 \text{ week} = 7 \text{ days}, 49 \div 7 = 7$$

13. Li spends 35 hours each week working in her garden. She works the same number of hours each day. She is deciding if she wants to work Monday through Sunday or Monday through Friday. How many hours would she work each day in each situation? Show your work.

Monday through Sunday  $35 \div 7 = 5$  hours

Monday through Friday  $35 \div 5 = 7$  hours

14. **Extend Your Thinking** Ms. Abbot is fillin the school supply closet. She buys 70 packs of paper. How much does she spend on paper? Explain.

$$7 \times 10 = 70$$

$$\text{So } 6 \times 10 = \$60$$



# Can you . . .

Divide by 7.

1. I can do it and teach it to someone.

2. I can do it but not teach it.

3. I need to practice it more.

Use fact triangle to divide

