

Third Grade Math Academic Packet



Week 1
March 30-April 3, 2020

Third Grade Recommended Pacing

<u>Day</u>	<u>Skill</u>	<u>Page</u>
Monday	Understanding of Multiplication Models Multiplying with 2, 5, and 10	4-5
Tuesday	Multiplying with 0 and 1 Multiplying with 3	6-7
Wednesday	Multiplying with 4 Multiplying with 6	8-9
Thursday	Multiplying with 7	10
Friday	Multiplying with 8	11

Understanding of Multiplication Models

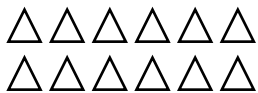
Name: _____

- 1** Show 3×5 by drawing equal groups of 5.

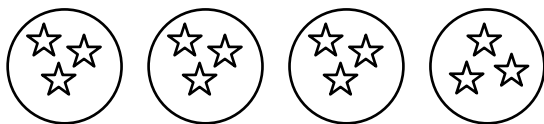
Show 3×5 by drawing an array.

Complete the equation. $3 \times 5 =$ _____

- 2** Write an equation that matches the array.



- 3** Write an equation that matches the picture.



- 4** Use words to describe the drawing for problem 3.

Multiplying with 2, 5, and 10

Name: _____

Multiply.

1 $5 \times 2 =$ _____ **2** $2 \times 5 =$ _____ **3** $2 \times 10 =$ _____ **4** $10 \times 2 =$ _____

5 $10 \times 5 =$ _____ **6** $5 \times 10 =$ _____ **7** $6 \times 2 =$ _____ **8** $2 \times 6 =$ _____

9 $3 \times 10 =$ _____ **10** $10 \times 3 =$ _____ **11** $7 \times 2 =$ _____ **12** $2 \times 7 =$ _____

13 $4 \times 10 =$ _____ **14** $10 \times 4 =$ _____ **15** $5 \times 4 =$ _____ **16** $4 \times 5 =$ _____

17 $2 \times 2 =$ _____ **18** $5 \times 5 =$ _____ **19** $10 \times 10 =$ _____

20 What patterns do you notice in the problems? Explain.

21 Draw a model to show how you solved one of the problems.

Write the missing digits in the boxes to make each multiplication problem true.

$3 \times 1 = \square$

$0 \times 7 = \square$

$5 \times 1 = \square$

$1 \times 0 = \square$

$1 \times 7 = \square$

$4 \times \square = 0$

$4 \times \square = 4$

$9 \times \square = 0$

$\square \times 1 = 3$

$\square \times 9 = 9$

$\square \times 8 = 0$

$\square \times 6 = 0$

Write two factors to make each multiplication problem true.

$\square \times \square = 5$

$\square \times \square = 7$

$\square \times \square = 2$

$\square \times \square = 1$

Write a digit in the box to make the multiplication problem true. Then use words to write about the groups.

$\square \times 0 = 0$

Multiplying with 3

Name: _____

Multiply.

1 $2 \times 3 =$ _____ 2 $3 \times 2 =$ _____ 3 $10 \times 3 =$ _____ 4 $3 \times 10 =$ _____

5 $5 \times 3 =$ _____ 6 $3 \times 5 =$ _____ 7 $4 \times 3 =$ _____ 8 $3 \times 4 =$ _____

9 $9 \times 3 =$ _____ 10 $3 \times 9 =$ _____ 11 $1 \times 3 =$ _____ 12 $3 \times 1 =$ _____

13 $8 \times 3 =$ _____ 14 $3 \times 8 =$ _____ 15 $6 \times 3 =$ _____ 16 $3 \times 6 =$ _____

17 $7 \times 3 =$ _____ 18 $3 \times 7 =$ _____ 19 $0 \times 3 =$ _____ 20 $3 \times 3 =$ _____

21 Tell how you could check that your answer to problem 9 is correct.

22 Draw a model to show how you solved one of the problems.

Multiply.

1 $2 \times 4 =$ _____ **2** $3 \times 4 =$ _____ **3** $10 \times 4 =$ _____ **4** $5 \times 4 =$ _____

5 $7 \times 4 =$ _____ **6** $6 \times 4 =$ _____ **7** $8 \times 4 =$ _____ **8** $9 \times 4 =$ _____

9 $1 \times 4 =$ _____ **10** $4 \times 5 =$ _____ **11** $0 \times 4 =$ _____ **12** $4 \times 10 =$ _____

13 $4 \times 3 =$ _____ **14** $4 \times 2 =$ _____ **15** $4 \times 1 =$ _____ **16** $4 \times 4 =$ _____

17 Tell what strategy you used to solve 6×4 .

18 Draw a model to show how you solved one of the problems.

Multiplying with 6

Name: _____

Multiply.

1 $5 \times 6 =$ _____ **2** $3 \times 6 =$ _____ **3** $10 \times 6 =$ _____ **4** $2 \times 6 =$ _____

5 $7 \times 6 =$ _____ **6** $4 \times 6 =$ _____ **7** $8 \times 6 =$ _____ **8** $1 \times 6 =$ _____

9 $9 \times 6 =$ _____ **10** $6 \times 5 =$ _____ **11** $0 \times 6 =$ _____ **12** $6 \times 10 =$ _____

13 $6 \times 3 =$ _____ **14** $6 \times 2 =$ _____ **15** $6 \times 5 =$ _____ **16** $6 \times 6 =$ _____

17 Tell a strategy you can use to show 5×6 .

18 Explain how problem 2 and problem 13 are related.

Multiplying with 7

Name: _____

The answers are mixed up at the bottom of the page. Cross out the answers as you complete the problems.

1 $3 \times 7 =$ _____

2 $6 \times 7 =$ _____

3 $8 \times 7 =$ _____

4 $2 \times 7 =$ _____

5 $9 \times 7 =$ _____

6 $1 \times 7 =$ _____

7 $7 \times 0 =$ _____

8 $10 \times 7 =$ _____

9 $4 \times 7 =$ _____

10 $5 \times 7 =$ _____

11 $7 \times 3 =$ _____

12 $0 \times 7 =$ _____

13 $7 \times 2 =$ _____

14 $7 \times 10 =$ _____

15 $7 \times 4 =$ _____

16 $7 \times 1 =$ _____

17 $7 \times 5 =$ _____

18 $7 \times 7 =$ _____

Answers

14 63 35 70 0 42

7 28 14 21 56 21

28 0 70 49 35 7

Multiplying with 8

Name: _____

The answers are mixed up at the bottom of the page. Cross out the answers as you complete the problems.

1 $2 \times 8 =$ _____

2 $6 \times 8 =$ _____

3 $7 \times 8 =$ _____

4 $3 \times 8 =$ _____

5 $9 \times 8 =$ _____

6 $1 \times 8 =$ _____

7 $0 \times 8 =$ _____

8 $10 \times 8 =$ _____

9 $4 \times 8 =$ _____

10 $5 \times 8 =$ _____

11 $8 \times 3 =$ _____

12 $8 \times 0 =$ _____

13 $8 \times 2 =$ _____

14 $8 \times 10 =$ _____

15 $8 \times 4 =$ _____

16 $8 \times 7 =$ _____

17 $8 \times 5 =$ _____

18 $8 \times 8 =$ _____

Answers

64 40 48 8 0 56

72 80 24 32 16 32

24 0 80 40 56 16