#### **Materials Needed:**

- Turtle Race game board
- Multi-Game cards
- Dry erase boards/Markers/Erasers
- 6 "Turtles" (game counters) for each player

#### To play:

Shuffle the game cards and put them Question side up in a stack where everyone can reach them.

Each Player puts a "turtle" (game counter) in the numbered space of each lane on his/her racing card.

Players take turns drawing and answering cards. When they answer correctly, look at the number on the back of the card. The turtle in the lane with the corresponding number may move forward 1 space.

To win: First player to get a turtle of any number across the finish line wins.

Printing: landscape, 2-sided/flip on short edge, black and white





1				 Finish!	
2				 Finish!	
3				 Finish!	
4				 Finish!	
5				 Finish:	
6				 Finish:	

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#### Unit: 3<sup>rd</sup> – Getting Started with Multiplication & Division

#### Lesson: 3.4.D - 3.4.E - Representing 1 X 1 multiplication

#### **Great Turtle Race**

Note: Some parts of these materials are taken directly from released STAAR tests Copyright © 2015-2021. Texas Education Agency. All Rights Reserved. Used by Permission.



### 1 Purple



1. There are 6 photographs on each page of an album. One page of the album is shown. How many photographs are on 9 pages of the album?



A. 48

B. 45

C.15

D. 54

### 2 Red



2. The model shown can represent two number sentences. Which two number sentences can the model represent?



### 3 Yellow



3. Mark the number line below to show how you would solve the problem shown?



### 4 Blue



4. Draw models or pictures that show how you could solve the two problems shown.

#### 6 X 7 = ?

$$15 \div 3 = ?$$

3.4.D - 3.4.E - Representing 1 X 1 multiplication - Turtle Race





5. Asher lists some different methods he thinks he can use to solve the multiplication problem shown

7 X 4 = ?

Which of these is NOT a method Asher can use to get the correct answer?





**B.** 4 + 4 + 4 + 4 + 4 + 4 + 4

**C.** 4, 8, 12, 16, 20, 24, 28







6. There are 6 donuts on a tray. How many donuts would be on 6 of these trays?

A. 12

B. 36

C. 42

D. 18

### 1 Purple



7. There are 3 cans of corn on each shelf of a pantry. One shelf is shown. How many cans of corn would be on 4 shelves?



A. 9

B. 15

C.12

D. 7

### 2 Red



8. Deion lists some different methods he thinks he can use to solve the multiplication problem shown

9 X 2?

Which of these is NOT a method Deion can use to get the correct answer?

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**B.** 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2

**C.** 1,2,3,4,5,6,7,8,9







9. Mark the number line below to show how you would solve the problem shown?

# 3 X 4 = ?



# 3 Yellow



10. Draw models or pictures that show how you could solve the two problems shown.

#### 4 X 6 = ?

3.4.D - 3.4.E - Representing 1 X 1 multiplication - Turtle Race

### 4 Blue



11. The electrical panel shown has 4 outlets. How many outlets do 6 of these electrical panels have.



- A. 28
- B. 20
- C. 24
- D. 10

### 5 Green



12. The model shown can represent two number sentences. Which two number sentences can the model represent?





13. There are 8 toy monsters in a box. One box is shown. How many toy monsters would there be in 3 boxes?



A. 11

B. 5

C.16

D. 24

### 1 Purple



14. Zachary lists some different methods he thinks he can use to solve the multiplication problem shown

6 X 3= ?

Which of these is NOT a method Zachary can use to get the correct answer?

 $\star \star \star \star \star \star \star$  $^{A.} \bigstar \bigstar \bigstar \bigstar \bigstar \bigstar \bigstar$  $\star \star \star \star \star \star \star$ 

- **B.** 3+3+3+3+3+3
- **C.** 3,6,9,12,15,18







15. Mark the number line below to show how you would solve the problem shown?





### 2 Red



16. Draw models or pictures that show how you could solve the two problems shown.

#### 3 X 8 = ?

#### $30 \div 6 = ?$

3.4.D - 3.4.E - Representing 1 X 1 multiplication - Turtle Race

## 3 Yellow



17. An octopus has 8 tentacles. How many tentacles would 8 octopi have?



- A. 16
- B. 56
- C. 24
- D. 64

### 4 Blue



18. The model shown can represent two number sentences. Which two number sentences can the model represent?



### 5 Green



19. There 6 legs on a ladybug. One ladybug is shown. How many legs would be on 7 lady bugs?



- A. 42
- B. 36
- C.13
- D. 12





20. Abigail lists some different methods she thinks she can use to solve the multiplication problem shown

8 X 4= ?

Which of these is NOT a method Abigail can use to get the correct answer?

Α.

**B.** 8 X 8 X 8 X 8

**C.** 4, 8, 12, 16, 20, 24, 28, 32







21. Mark the number line below to show how you would solve the problem shown?







22. Draw models or pictures that show how you could solve the two problems shown.

#### 4 X 5 = ?

#### 21 ÷ 7 = ?

3.4.D - 3.4.E - Representing 1 X 1 multiplication - Turtle Race

### 2 Red



23. The model shown can represent two number sentences. Which two number sentences can the model represent?

A. 3 X 3 = 2 X 3 = C. 3 ÷ 3 = 2 X 2 X 2 = D. 2 + 2 + 2 = 3 X 2 = Β. 3 + 3 + 3 = 3 + 3 =





24. The model shown can represent two number sentences. Which two number sentences can the model represent?



## 4 Blue



25. There are 9 squares on a tic-tac-toe board. One board is shown. How many squares are on 5 tic-tac-toe boards?



- A. 35
- B. 45
- C. 14
- D. 15

### 5 Green



26. Alexis lists some different methods she thinks she can use to solve the multiplication problem shown

5 X 3 = ?

Which of these is NOT a method Alexis can use to get the correct answer?

 $\star \star \star \star \star \star$  $^{A.} \bigstar \bigstar \bigstar \bigstar \bigstar \bigstar$  $\star \star \star \star \star \star$ 

**B.** 3 X 3 X 3 X 3 X 3 X 3

**C.** 3,6,9,12,15





27. Mark the number line below to show how you would solve the problem shown?

4 X 4 = ?



### 1 Purple



28. Draw models or pictures that show how you could solve the two problems shown.

#### 2 X 10 = ?

$$18 \div 6 = ?$$

3.4.D - 3.4.E - Representing 1 X 1 multiplication - Turtle Race

### 2 Red



29. . Each box contains 4 cupcakes. How many cupcakes would come in 9 boxes?



- A. 13
- B. 24
- C. 36
- D. 49





30. There are 7 days in one week. How many days would be in 8 weeks?

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
, - Č		$\bigcirc \diamond \Diamond \diamond$		<u>ه ۵ ۵</u>	, -, -, -,	

- A. 56
- B. 63
- C. 72
- D. 48