

## 4.4.B & 4.4.C – Preparing for 2 X 2 Multiplication

### Problem Set: 1

*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.*

<b>1.</b>  D	<b>2.</b>  B	<b>3.</b>  C	<b>4.</b>  $12 \times 15 = 180$	<b>5.</b>  D	<b>6.</b>  D
<b>7.</b>  A	<b>8.</b>  C	<b>9.</b>  $15 \times 11 = 165$	<b>10.</b>  C	<b>11.</b>  B	<b>12.</b>  D
<b>13.</b>  B	<b>14.</b>  $13 \times 15 = 195$	<b>15.</b>  B	<b>16.</b>  D	<b>17.</b>  B	<b>18.</b>  A
<b>19.</b>  $13 \times 13 = 169$	<b>20.</b>  A	<b>21.</b>  C	<b>22.</b>  C	<b>23.</b>  D	<b>24.</b>  $11 \times 13 = 143$
<b>25.</b>  D	<b>26.</b>  A	<b>27.</b>  A	<b>28.</b>  A	<b>29.</b>  $12 \times 11 = 132$	<b>30.</b>  C



1. Ms. Gonzales packs 45 boxes with limes. Each box holds 100 limes. How many limes can Ms. Gonzales pack into these boxes?


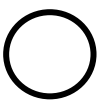
A. 4,005

B. 450

C. 145



D. 4,500

2. A number sentence is shown below.



  $\times 10 =$  

Which table shows numbers that make the number sentence true?



A.

	
44	54
66	76
99	109
150	160



C.

	
44	4,400
66	6,600
99	9,900
150	15,000



B.

	
44	440
66	660
99	990
150	1,500

D.



	
44	404
66	606
99	909
150	1,050

3. A number sentence is shown below.



  $\times 100 =$  

Which table shows numbers that make the number sentence true?



A.

	
44	54
66	76
99	109
150	160



C.

	
44	4,400
66	6,600
99	9,900
150	15,000

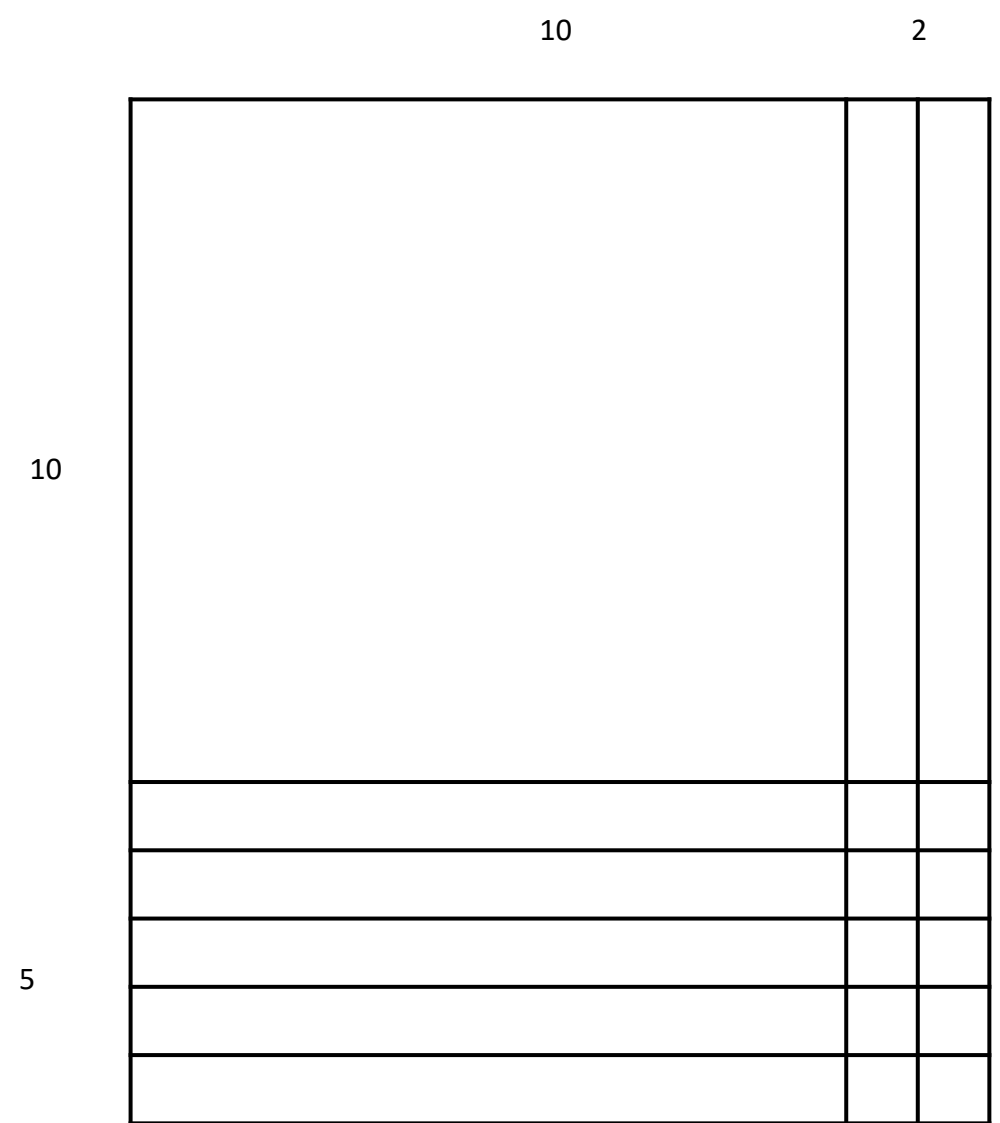
B.

	
44	440
66	660
99	990
150	1,500

D.

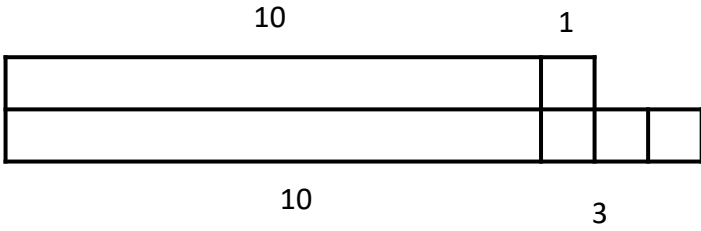
	
44	404
66	606
99	909
150	1,050

4. Write the multiplication problem and solution that go with this model.

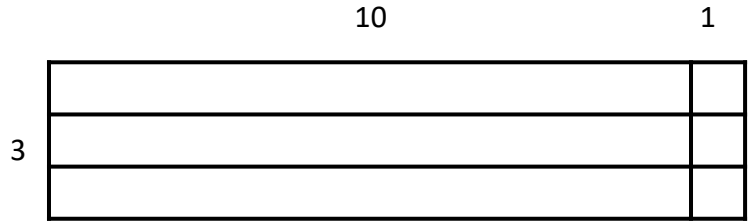


5. Which model represents  $11 \times 13 = 143$ ?

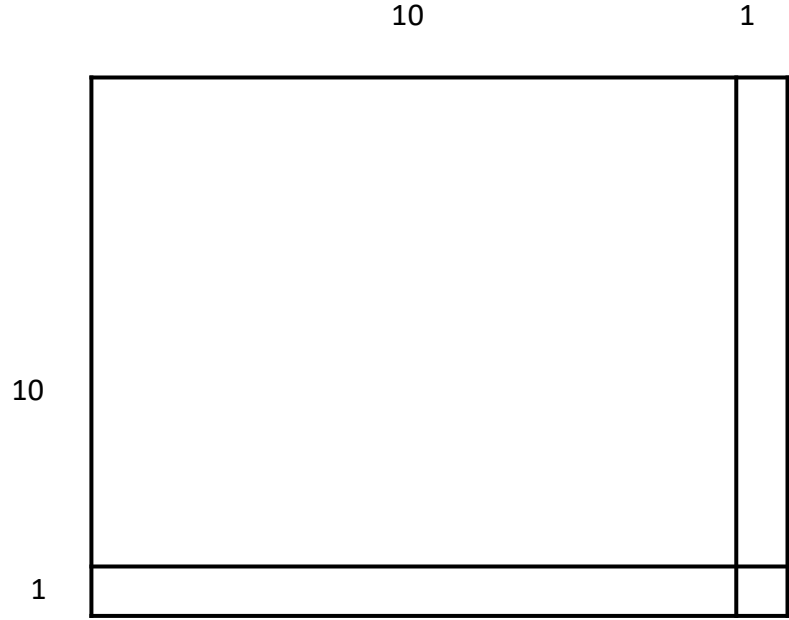
A.



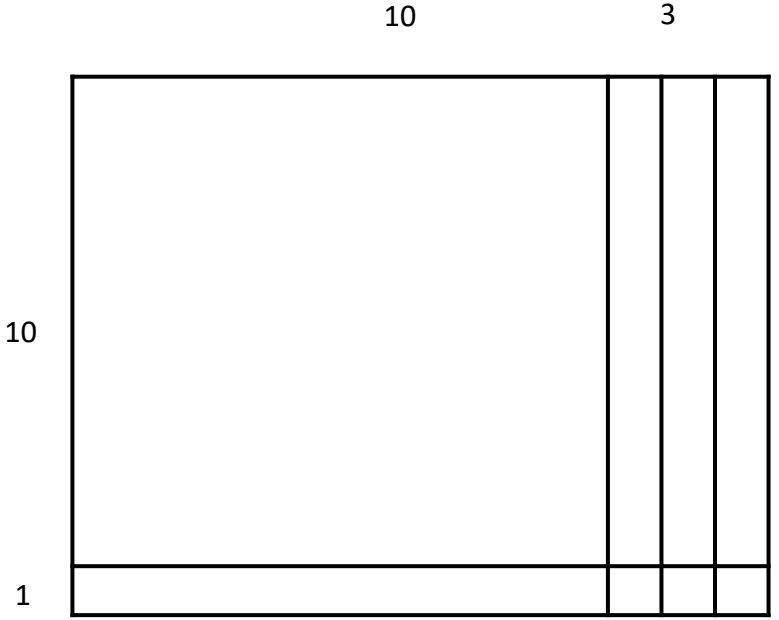
C.



B.



D.



6. Disgusting Donald sold 50 tickets to the Disgusting Diners' Banquet. Each ticket cost \$10. How much money should Donald have from his ticket sales?

- A. \$50
- B. \$550
- C. \$505
- D. \$500



## 4.4.B & 4.4.C – Preparing for 2 X 2 Multiplication



### Problem Set: 2

*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.*

<b>1.</b>  D	<b>2.</b>  B	<b>3.</b>  C	<b>4.</b>  $12 \times 15 = 180$	<b>5.</b>  D	<b>6.</b>  D
<b>7.</b>  A	<b>8.</b>  C	<b>9.</b>  $15 \times 11 = 165$	<b>10.</b>  C	<b>11.</b>  B	<b>12.</b>  D
<b>13.</b>  B	<b>14.</b>  $13 \times 15 = 195$	<b>15.</b>  B	<b>16.</b>  D	<b>17.</b>  B	<b>18.</b>  A
<b>19.</b>  $13 \times 13 = 169$	<b>20.</b>  A	<b>21.</b>  C	<b>22.</b>  C	<b>23.</b>  D	<b>24.</b>  $11 \times 13 = 143$
<b>25.</b>  D	<b>26.</b>  A	<b>27.</b>  A	<b>28.</b>  A	<b>29.</b>  $12 \times 11 = 132$	<b>30.</b>  C





7. A number sentence is shown below.



  $\times 10 =$  

Which table shows numbers that make the number sentence true?



A.

	
32	320
42	420
92	920
122	1,220



C.

	
32	3,200
42	4,200
92	9,200
122	12,200

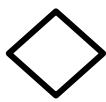
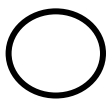
B.

	
32	3,020
42	4,020
92	9,020
122	12,020

D.



	
32	42
42	52
92	102
122	132

8. A number sentence is shown below.



  $\times 100 =$  

Which table shows numbers that make the number sentence true?



A.

	
32	320
42	420
92	920
122	1,220



C.

	
32	3,200
42	4,200
92	9,200
122	12,200

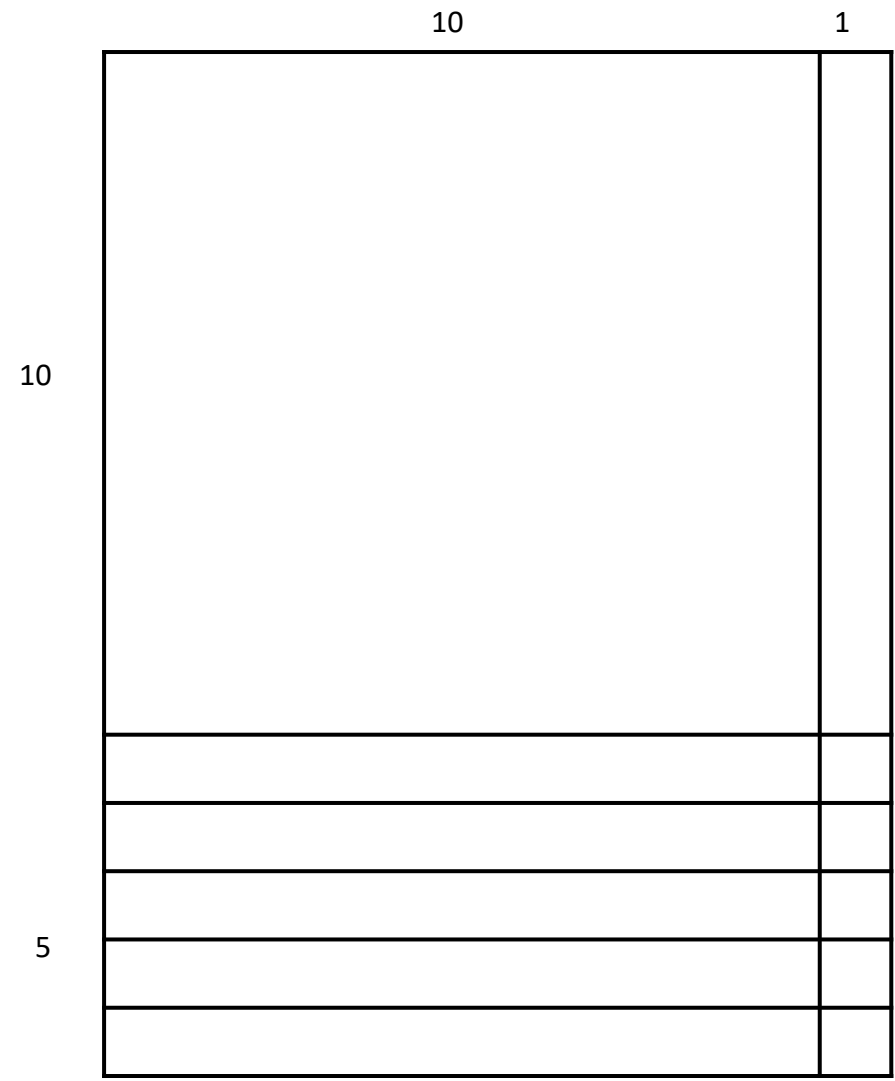
B.

	
32	3,020
42	4,020
92	9,020
122	12,020

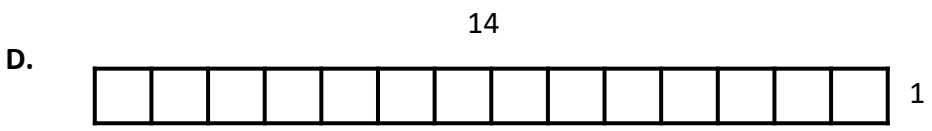
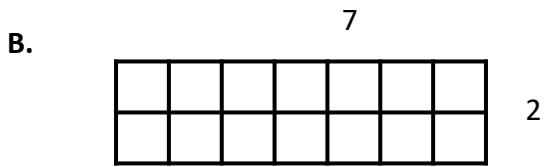
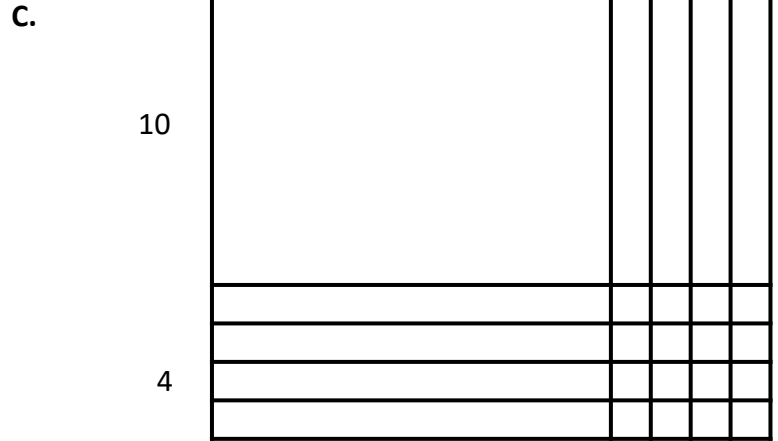
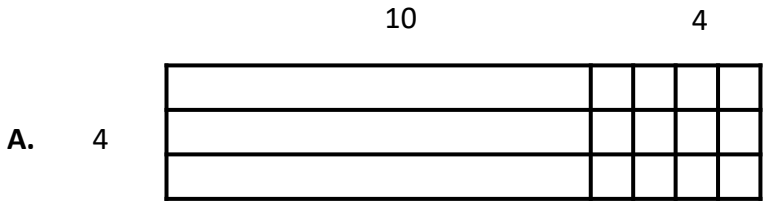
D.

	
32	42
42	52
92	102
122	132

9. Write the multiplication problem and solution that go with this model.



10. Which model represents  $14 \times 14 = 196$ ?



11. Muscular Marvin does 100 sit ups a day. How many sit ups does he do in 31 days?


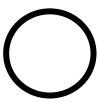
A. 310

B. 3,100

C. 31,000



D. 301

12. A number sentence is shown below.

  $\times 10 =$  

Which table shows numbers that make the number sentence true?



A.

	
100	110
110	120
120	130
130	140



C.

	
100	10
110	11
120	12
130	13

B.

	
100	10,000
110	11,000
120	12,000
130	13,000

D.

	
100	1,000
110	1,100
120	1,200
130	1,300



## 4.4.B & 4.4.C – Preparing for 2 X 2 Multiplication


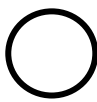
### Problem Set: 3

*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.*

<b>1.</b>  D	<b>2.</b>  B	<b>3.</b>  C	<b>4.</b>  $12 \times 15 = 180$	<b>5.</b>  D	<b>6.</b>  D
<b>7.</b>  A	<b>8.</b>  C	<b>9.</b>  $15 \times 11 = 165$	<b>10.</b>  C	<b>11.</b>  B	<b>12.</b>  D
<b>13.</b>  B	<b>14.</b>  $13 \times 15 = 195$	<b>15.</b>  B	<b>16.</b>  D	<b>17.</b>  B	<b>18.</b>  A
<b>19.</b>  $13 \times 13 = 169$	<b>20.</b>  A	<b>21.</b>  C	<b>22.</b>  C	<b>23.</b>  D	<b>24.</b>  $11 \times 13 = 143$
<b>25.</b>  D	<b>26.</b>  A	<b>27.</b>  A	<b>28.</b>  A	<b>29.</b>  $12 \times 11 = 132$	<b>30.</b>  C





13. A number sentence is shown below.



  $\times 100 =$  

Which table shows numbers that make the number sentence true?



A.

	
100	110
110	120
120	130
130	140



C.

	
100	10
110	11
120	12
130	13

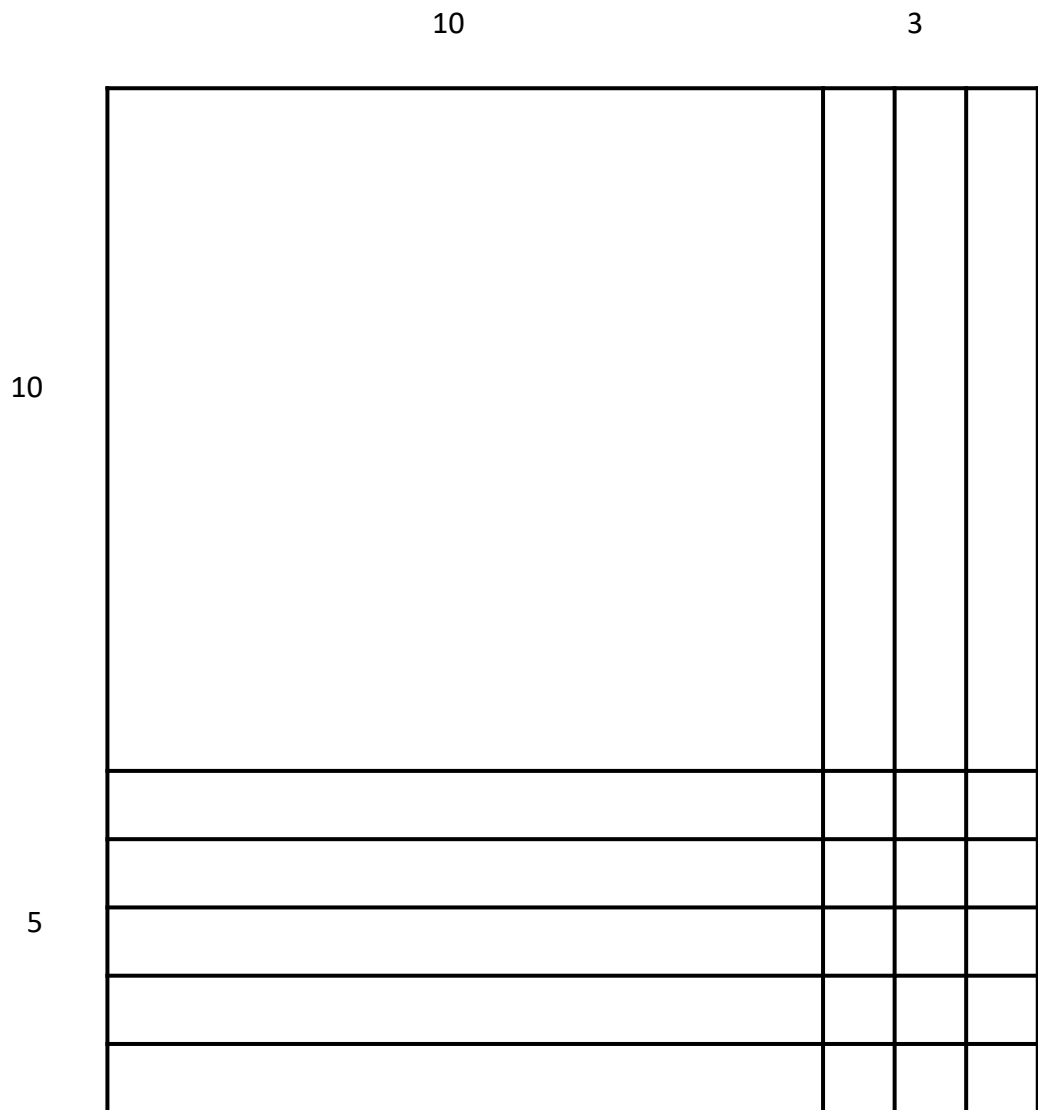
B.

	
100	10,000
110	11,000
120	12,000
130	13,000

D.

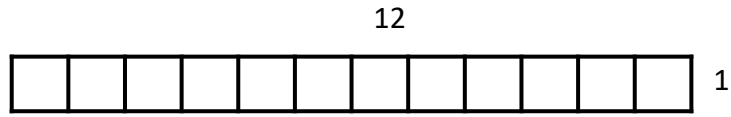
	
100	1,000
110	1,100
120	1,200
130	1,300

14. Write the multiplication problem and solution that go with this model.

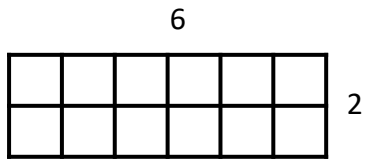


15. Which model represents  $12 \times 12 = 144$ ?

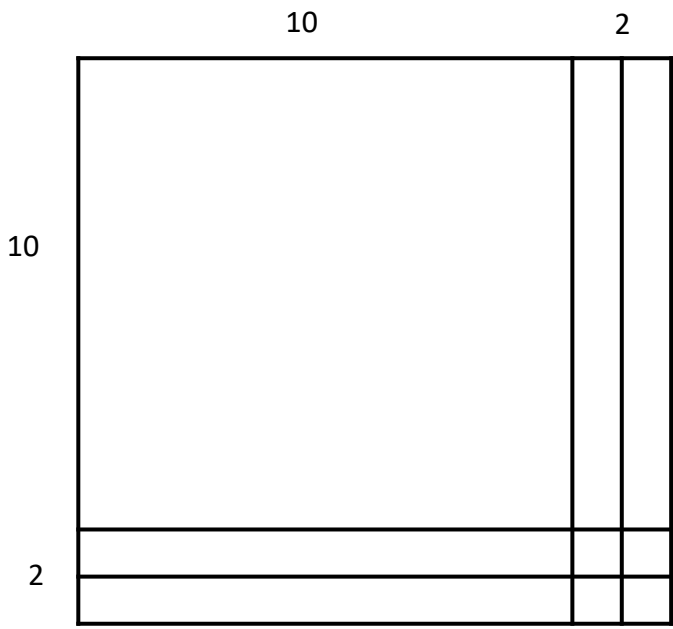
A.



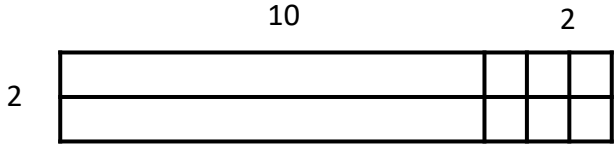
C.



B.



D.



16. Ridiculous Rachel has written 67 books about knitting sweaters for 67 different kinds of zoo animals. Each book has exactly 100 pages. How many pages is that in all?



A. 607

B. 670

C. 1,340



D. 6,700

17. A number sentence is shown below.



  $\times 10 =$  

Which table shows numbers that make the number sentence true?



A.

	
5	50
10	100
15	150
150	15,000



C.

	
5	15
10	20
15	25
150	160



B.

	
5	50
10	100
15	150
150	1,500

D.



	
5	10
10	20
15	30
150	300

18. A number sentence is shown below.



  $\times 100 =$  

Which table shows numbers that make the number sentence true?



A.

	
5	500
10	1,000
15	1,500
150	15,000



C.

	
5	15
10	20
15	25
150	160

B.

	
5	50
10	100
15	150
150	1,500

D.

	
5	10
10	20
15	30
150	300



## 4.4.B & 4.4.C – Preparing for 2 X 2 Multiplication

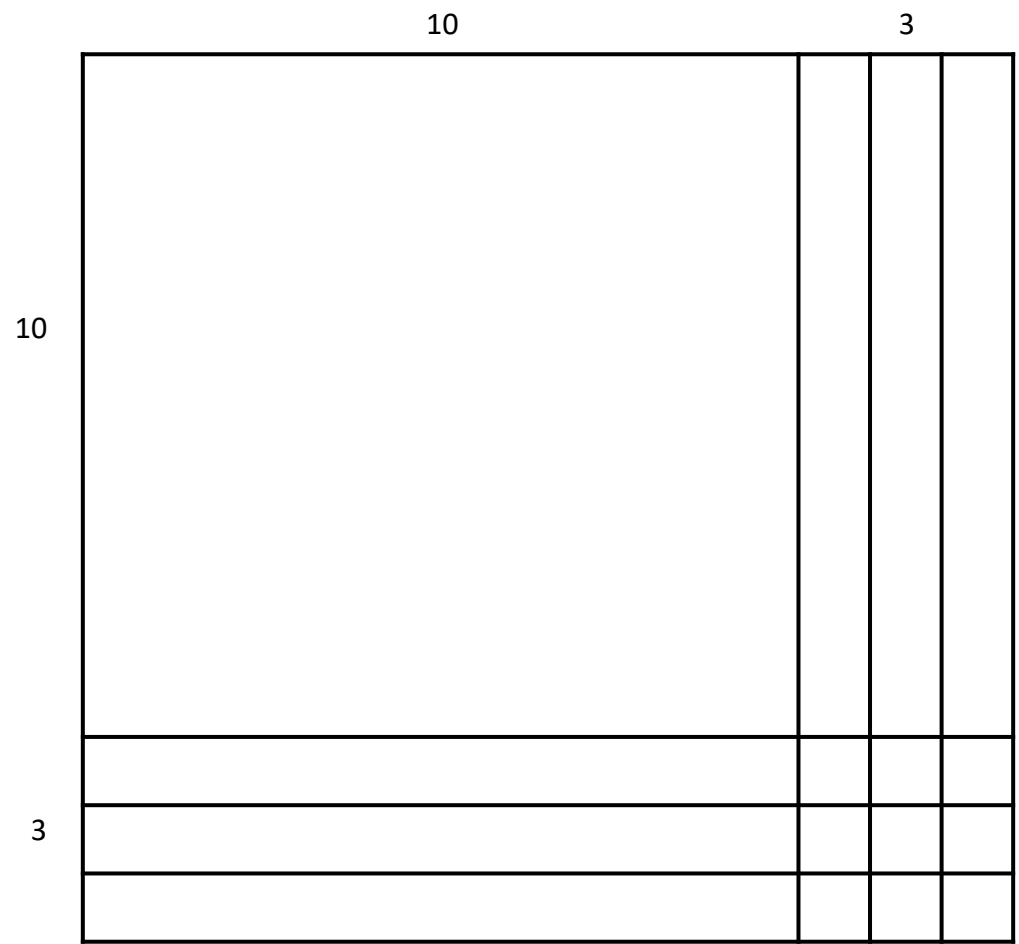
### Problem Set: 4

*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.*

<b>1.</b>  D	<b>2.</b>  B	<b>3.</b>  C	<b>4.</b>  $12 \times 15 = 180$	<b>5.</b>  D	<b>6.</b>  D
<b>7.</b>  A	<b>8.</b>  C	<b>9.</b>  $15 \times 11 = 165$	<b>10.</b>  C	<b>11.</b>  B	<b>12.</b>  D
<b>13.</b>  B	<b>14.</b>  $13 \times 15 = 195$	<b>15.</b>  B	<b>16.</b>  D	<b>17.</b>  B	<b>18.</b>  A
<b>19.</b>  $13 \times 13 = 169$	<b>20.</b>  A	<b>21.</b>  C	<b>22.</b>  C	<b>23.</b>  D	<b>24.</b>  $11 \times 13 = 143$
<b>25.</b>  D	<b>26.</b>  A	<b>27.</b>  A	<b>28.</b>  A	<b>29.</b>  $12 \times 11 = 132$	<b>30.</b>  C

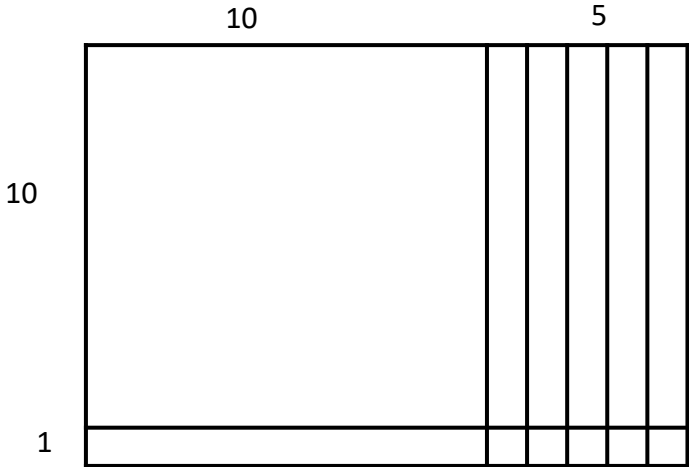


19. Write the multiplication problem and solution that go with this model.

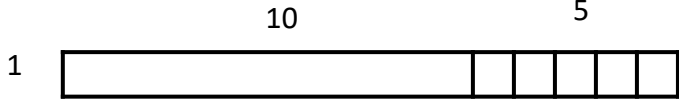


20. Which model represents  $15 \times 11 = 165$ ?

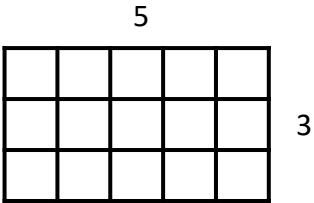
A.



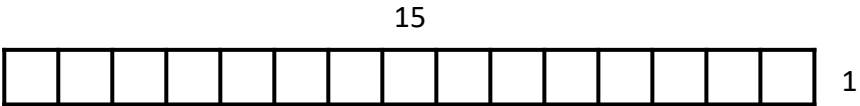
C.



B.



D.



21. Bailey the Baker ordered 89 sacks of flour. Each sack contains 10 pounds of flour. How many pounds of flour is that in all?


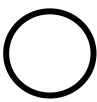
A. 809

B. 99

C. 890

D. 8,900

22. A number sentence is shown below.



  $\times 10 =$  

Which table shows numbers that make the number sentence true?



A.

	
105	1,105
150	1,150
155	1,155
200	2,100



C.

	
105	1,050
150	1,500
155	1,550
200	2,000


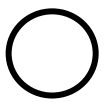
B.

	
105	1,005
150	1,500
155	1,055
200	2,000

D.

	
105	10,500
150	15,000
155	15,500
200	20,000

23. A number sentence is shown below.



  $\times 100 =$  

Which table shows numbers that make the number sentence true?



A.

	
105	1,105
150	1,150
155	1,155
200	2,100



C.

	
105	1,050
150	1,500
155	1,550
200	2,000

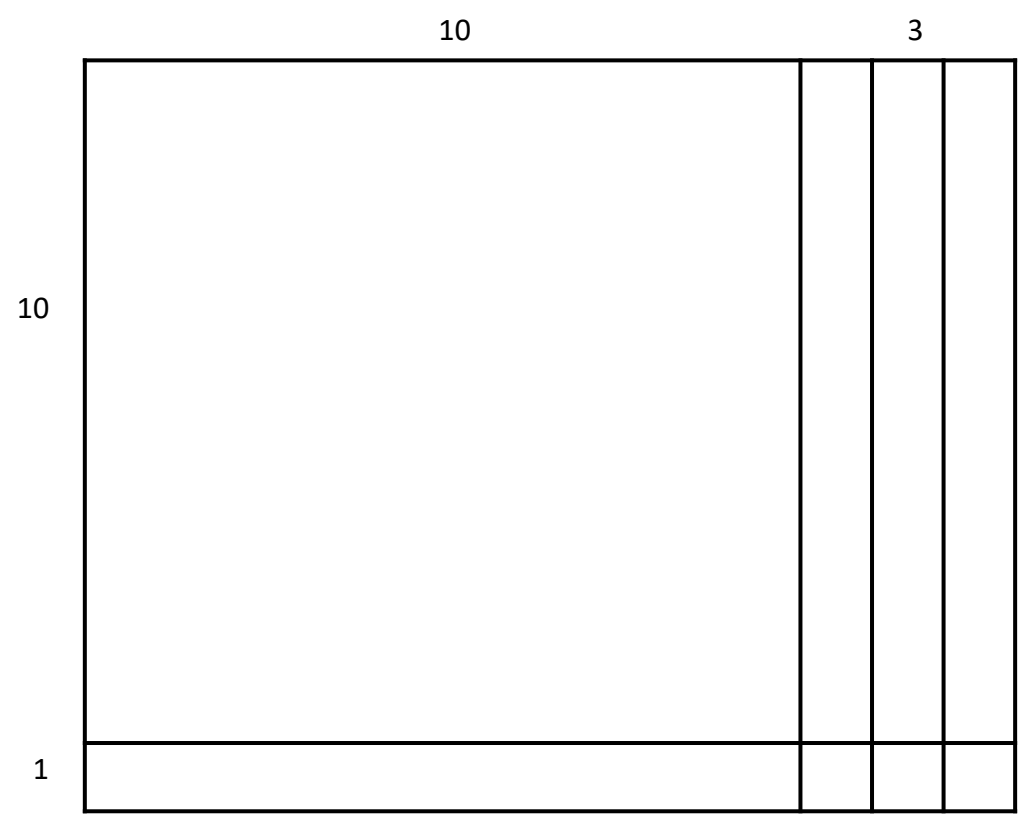
B.

	
105	1,005
150	1,500
155	1,055
200	2,000

D.

	
105	10,500
150	15,000
155	15,500
200	20,000

24. Write the multiplication problem and solution that go with this model.





## 4.4.B & 4.4.C – Preparing for 2 X 2 Multiplication

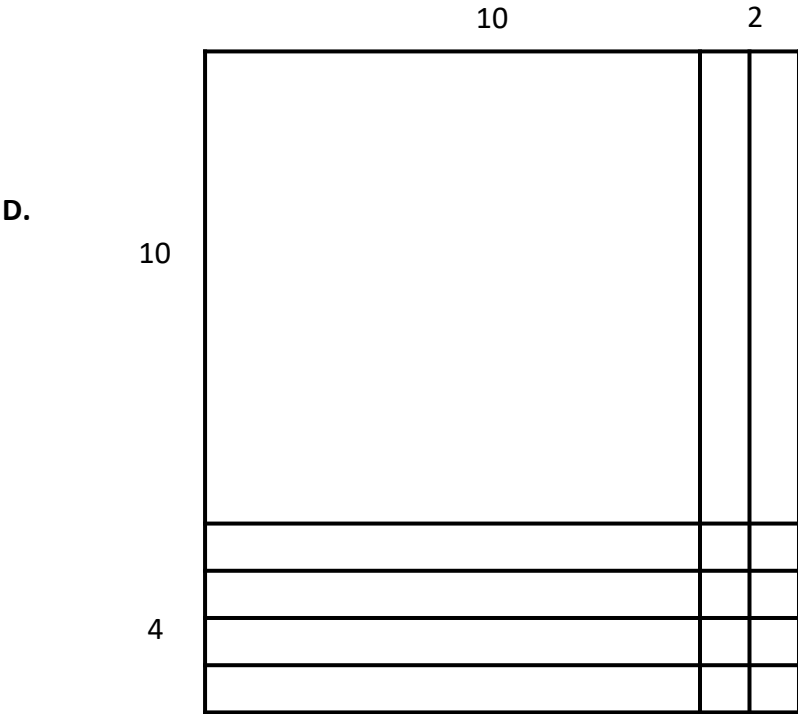
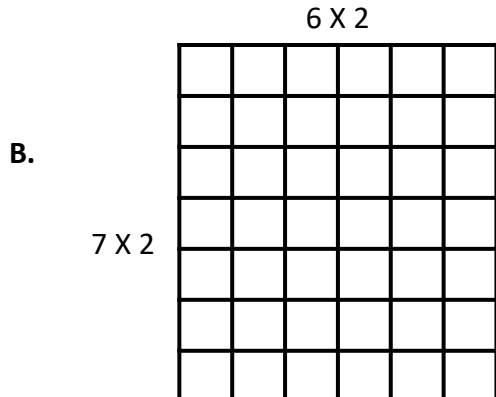
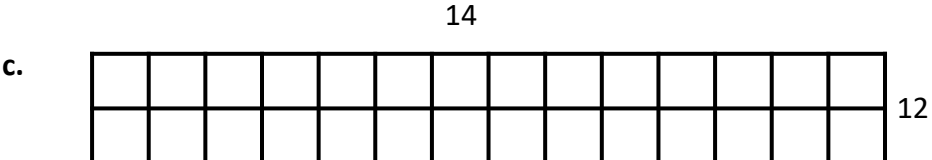
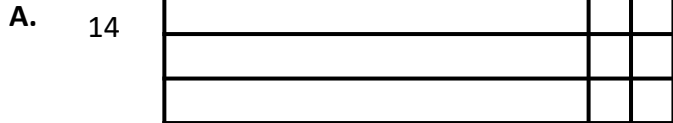
### Problem Set: 5

*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.*

<b>1.</b>  D	<b>2.</b>  B	<b>3.</b>  C	<b>4.</b>  $12 \times 15 = 180$	<b>5.</b>  D	<b>6.</b>  D
<b>7.</b>  A	<b>8.</b>  C	<b>9.</b>  $15 \times 11 = 165$	<b>10.</b>  C	<b>11.</b>  B	<b>12.</b>  D
<b>13.</b>  B	<b>14.</b>  $13 \times 15 = 195$	<b>15.</b>  B	<b>16.</b>  D	<b>17.</b>  B	<b>18.</b>  A
<b>19.</b>  $13 \times 13 = 169$	<b>20.</b>  A	<b>21.</b>  C	<b>22.</b>  C	<b>23.</b>  D	<b>24.</b>  $11 \times 13 = 143$
<b>25.</b>  D	<b>26.</b>  A	<b>27.</b>  A	<b>28.</b>  A	<b>29.</b>  $12 \times 11 = 132$	<b>30.</b>  C



25. Which model represents  $12 \times 14 = 168$ ?



26. Baily the Baker baked 100 trays of cookies last week. Each tray holds 36 cookies. How many cookies is that in all?



A. 3,600

B. 360

C. 3,006


D. 306

27. A number sentence is shown below.



  $\times 10 =$  

Which table shows numbers that make the number sentence true?



A.

	
20	200
215	2,150
305	3,050
315	3,150



C.

	
20	200
215	2,105
305	3,005
315	3,105


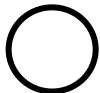
B.

	
20	210
215	225
305	315
315	325

D.



	
20	200
215	21,500
305	305,000
315	3,150,000

28. A number sentence is shown below.

  $\times 100 =$  

Which table shows numbers that make the number sentence true?



A.

	
20	2,000
215	21,500
305	30,500
315	31,500



C.

	
20	200
215	2,105
305	3,005
315	3,105

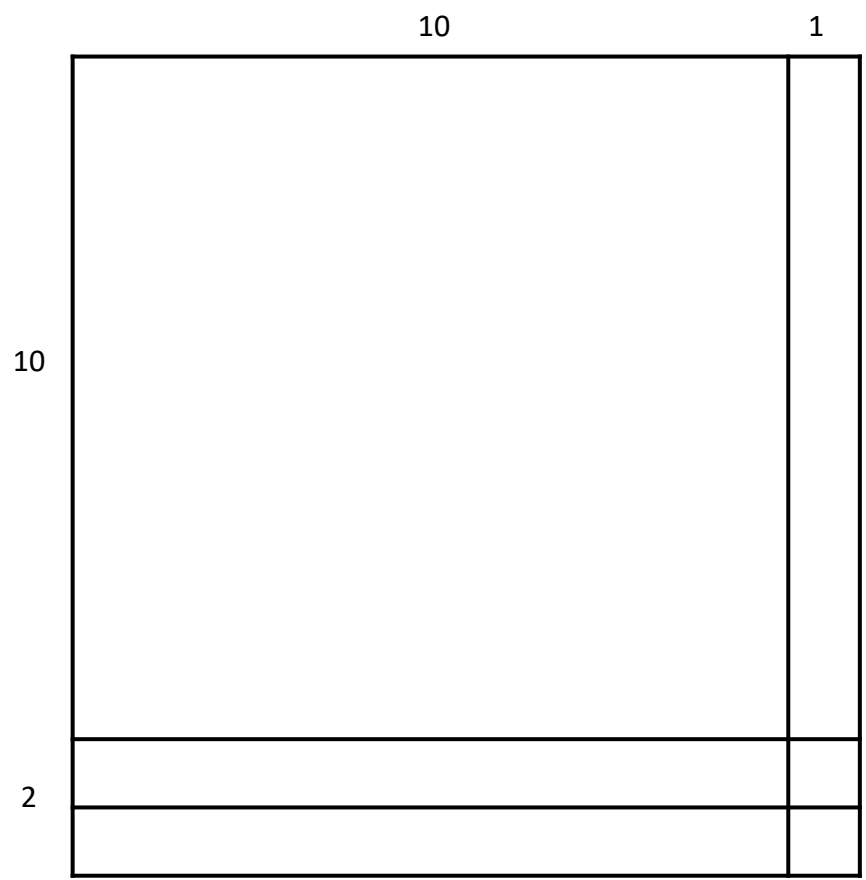
B.

	
20	210
215	225
305	315
315	325

D.

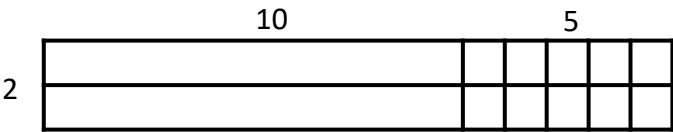
	
20	200
215	21,500
305	305,000
315	3,150,000

29. Write the multiplication problem and solution that go with this model.

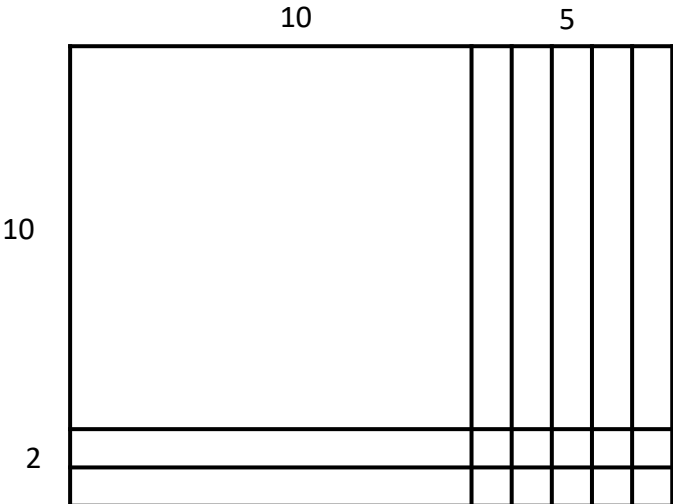


30. Which model represents  $15 \times 12 = 180$ ?

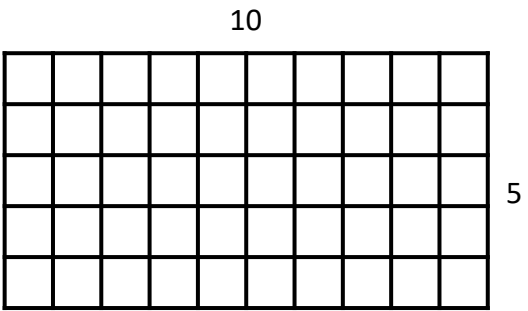
A.



C.



B.



D.

