Grade 4 Mathematics

Week of December 14 – December 18

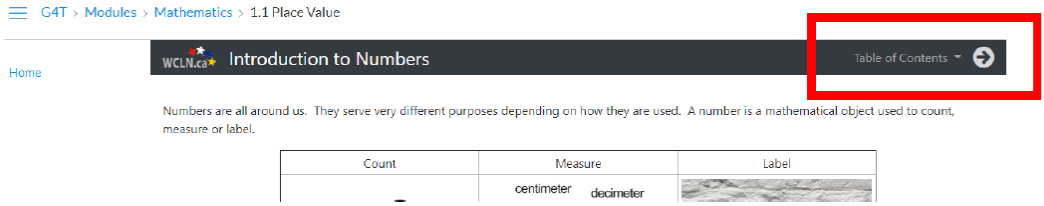
Lesson 3.3: More Tables

Lesson 3.4: Multiple Digit Multiplication

Lesson Materials

- Lessons for Section 3.3 More Tables
- Lessons for Section 3.4 Multiple Digit Multiplication
- Multiplication Learning Guide (This PDF)

Use the link above to open the lessons for this section. Remember: on the lesson page, use the arrow next to the "Table of Contents" at the **top of the page** to move through the lessons. You can also click on the Table of Contents to open the menu so you can jump to a specific lesson page.



Work through the online lessons for this section. You can work at your own pace or follow the suggested schedule below. Complete the activities in your Learning Guide as you work through the lessons. You can print the Learning Guide, or, copy out the questions on a separate piece of paper. Be sure to try the games and practice quizzes as you make your way through the online lesson book.

Suggested Lesson Schedule

Monday

- More Times Table Patterns
- Multiplying by Multiples of 10
- Games for Fact Practice
- LG 3.3 #1-3, p. 5
- Try one of the Games for Fact Practice

Tuesday

- Balloon Multiplication
- Picturing Multiplication 1-digit x 2-digits
- LG 3.3 #4, p. 5
- Try another Game for Fact Practice

Wednesday

- 3.4 – Distributive Property 1
- Distributive Property 2
- 2-digit x 1-digit – No Carrying
- 2-digit x 1-digit – With Carrying
- LG 3.4 #1-4, p. 6-8

Thursday

- Multiplying by Multiples of 100
- Picturing Multiplication3-digits x 1-digit
- Distributive Property 3
- LG 3.4 #5-8, p. 9-10

Friday

- 3-digit x 1-digit
- Practice 3-digits x 1-digit
- Multiplication Problems
- LG 3.4 #9-10, p. 11-12

3.3 More Tables

1. Multiply the following (10x)

a)10×4= b)10×9= c)10×11= d)10×10=

e)6×10= f)4×10= g)10×8= h)10×7=

2. a) 3 x 4 = _____ so 30 x 4 = _____

b) 5 x 9 = _____ so 50 x 9 = _____

c) 6 x 7 = _____ so 6 x 70 = _____

d) 8 x 7 = _____ so 80 x 7 = _____

3. Use the strategy from above to solve:

a) 40 x 3 = _____ b) 50 x 6 = _____

c) 70 x 8= _____ d) 9 x 30 = _____

Questions 2 – 3 adapted from https://www.tes.com

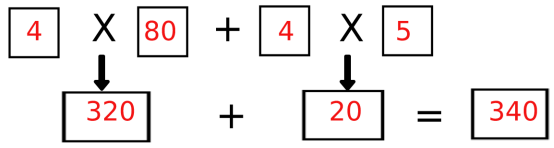
4. Solve the following problems using the area model

Example: 4 x 21= 84 20 1 4 80 4	a) 7 x 32 =	b) 5 x 34
c) 3 x 61 =	d) 6 x 46 =	e) 9 x 52 =

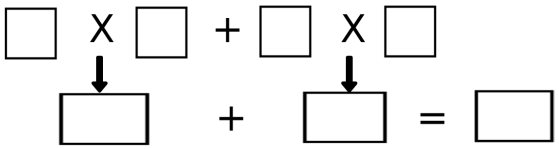
3.4 Multiple Digit Multiplication

1. Use the distributive principle to solve these questions.

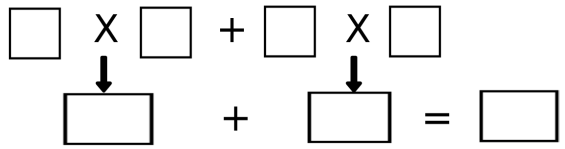
Example: 4 x 85 = 340



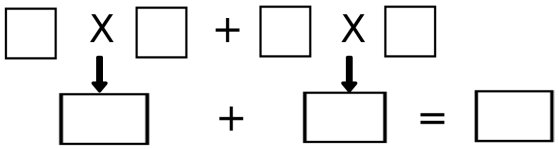
a) 5 x 62 =



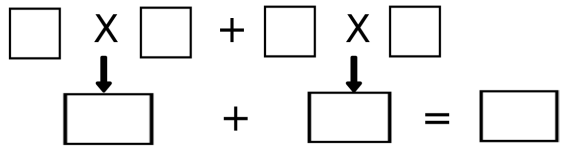
b) 7 x 24 =



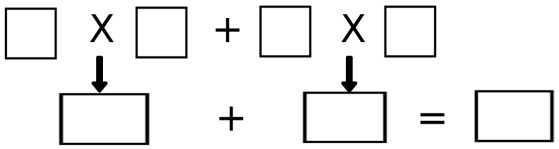
c) 3 x 82 =



d) 8 x 43 =



e) 9 x 37 =



2. Calculate the following:

a) 32 ×3	b)11 ×5	c)12 ×4	d) 11 ×3	e) 21 ×2
f) 14 ×2	g) 22 ×4	h)23 ×3	i) 64 ×1	j) 34 ×2
k) 12 ×3	l) 31 ×2	m) 21 ×4	n)32 ×2	o) 21 ×3

p) 23	q) 10	r) 30	s) 40	t) 22
×2	×5	×3	×2	×2

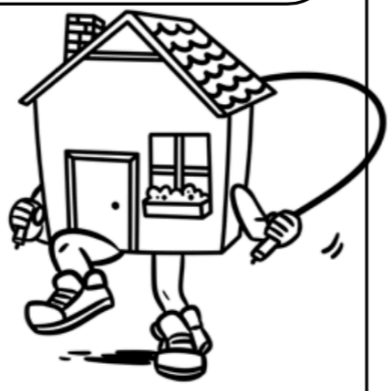
3. Calculate the following:

a. 43 × 2	b. 37 × 9	c. 20 × 8	d. 58 × 7
e. 65 × 8	f. 32 × 5	g. 99 × 4	h. 87 × 3
i. 42 × 7	j. 38 × 4	k. 13 × 5	l. 39 × 6
m. 89 × 7	n. 74 × 3	o. 62 × 7	

4.

The Animal that Jumps Higher Than a House

Find the products. Then, solve the riddle by matching the letters to the blank lines below.



E 25 x 2	M 32 x 7	I 51 x 8	A 76 x 4			
S 88 x 4	C 19 x 5	A 27 x 5	H 31 x 9	L 91 x 7		
U 33 x 8	N 78 x 3	A 16 x 2	O 40 x 5	A 93 x 9	M 54 x 2	C 87 x 9
N 65 x 3	T 22 x 4	N 43 x 6	S 87 x 8	U 56 x 8	J 43 x 9	Y 65 x 5
P 33 x 6	U 27 x 9	S 37 x 3	E 50 x 5	E 45 x 6	A 24 x 7	B 15 x 6

What animal can jump higher than a house?

135	195	325		304	234	408	108	837	637		
90	50	95	32	448	111	250					
279	200	243	696	270	352		783	168	258	88	
387	264	224	198								

5. a) 3 x 4 = _____ so 30 x 4 = _____

b) 5 x 9 = _____ so 500 x 9 = _____

c) 6 x 7 = _____ so 6 x 700 = _____

d) 8 x 7 = _____ so 80 x 7 = _____

6. Use the strategy from above to solve:

a) 40 x 3 = _____

b) 500 x 6 = _____

c) 70 x 8= _____

d) 9 x 300 = _____

e) 40 x 3 = _____

f) 500 x 6 = _____

g) 9000 x 7 = _____

h) 70 x 8= _____

i) 9 x 300 = _____

j) 4000 x 7 = _____

Questions 5 – 6 adapted from https://www.tes.com

7. Solve the following problems using the area model

Example: 4 x 218= 848

	200	10	8
4	800	40	8

800
40
+ 8
848

a) 7 x 132 =

b) 5 x 334

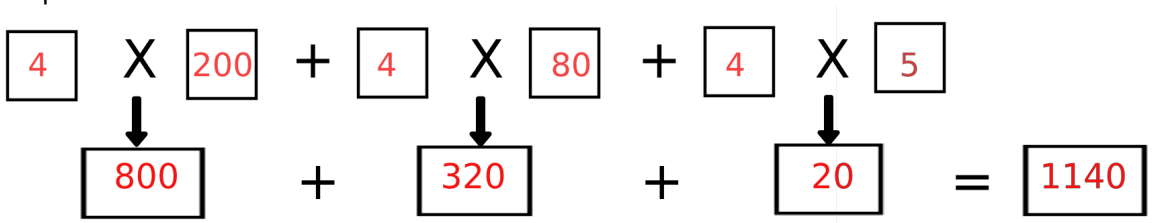
c) 3 x 261 =

d) 6 x 146 =

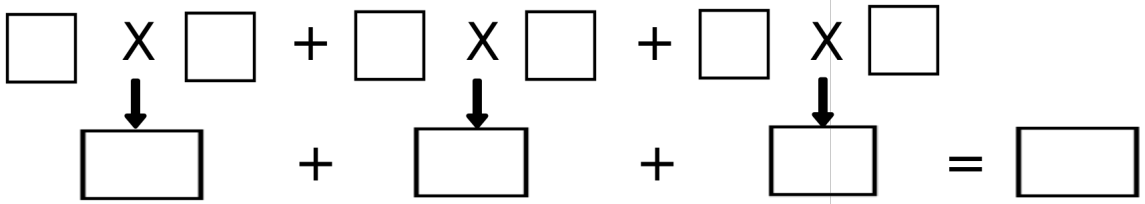
e) 9 x 552 =

8. Use the distributive principle to solve these questions.

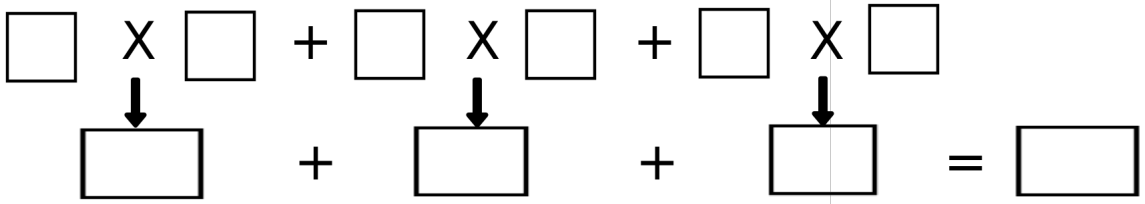
Example: 4 x 285 = 340



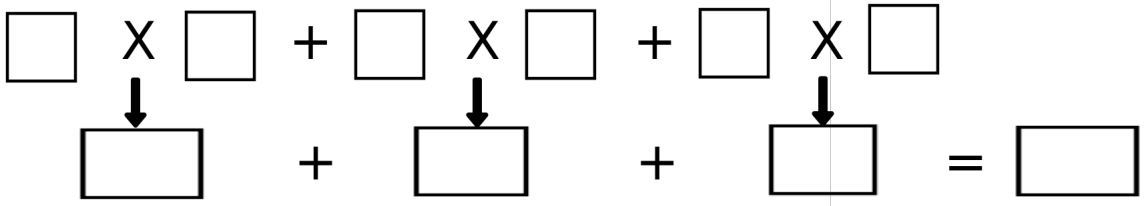
a) 7 x 324 =



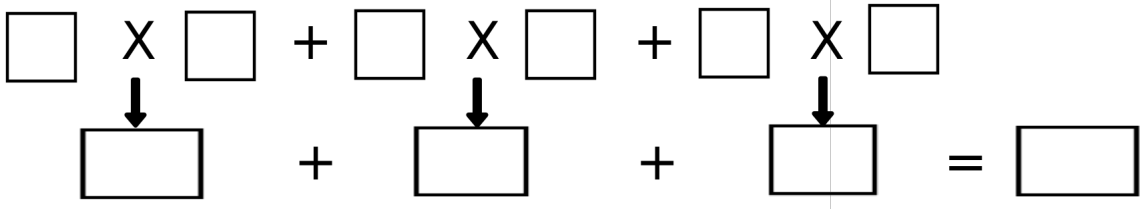
b) 8 x 543 =



c) 6 x 162 =



d) 3 x 582 =



9. Find the product:

a) 542 x7	b)836 x5	c)978 x3	d)650 x9
e) 264 x6	f) 791 x8	g) 378 x4	h) 895 x7

10.

The Invisible Man Goes to the Doctor

Find the products. Then, solve the riddle by matching the letters to the blank lines below.

O 134 x 5	O 223 x 6	I 413 x 8	G 976 x 9		
S 908 x 2	T 232 x 5	R 144 x 7	E 622 x 8		
N 567 x 3	S 400 x 4	E 167 x 3	R 444 x 4		
N 128 x 4	I 349 x 8	W 987 x 0	Y 987 x 1	R 500 x 7	A 756 x 9
T 287 x 4	H 107 x 7	Y 128 x 2	O 510 x 6	U 546 x 2	C 600 x 3

What did the doctor say to the invisible man?

1816	1338	1008	1776	987	2792	,	1800	6804	512	1160	1600	501	4 976	256	3060	1092	3500	3304	8784	749	1148	1701	670	0