Name: Weekly Homework Sheet Week 9 Date:

Monday	Tuesday	Wednesday	Thursday
The science museum sells dinosaur models to schools and libraries for $107 each. The town library buys 3 models. The town elementary school buys 5 models. What is the total cost of the models the town buys?	Kyle and Karen each bought 6 books of ride tickets at the fair. Each book has 15 tickets. How many tickets did they buy altogether?	Section J in an arena has 20 rows. Each row has 15 seats. All tickets cost $18 each. If all the seats are sold, how much money will the arena collect for Section J?	At a high-school gym, the bleachers are divided into 6 equal sections. Each section can seat 395 people. How many people can be seated in the gym?
Estimate by rounding. 2 x 456 =	Estimate by rounding. 5 x 691 =	Estimate by rounding. 4 x 567 =	Estimate by rounding. 3 x 4213 =
Find the Sum. 4 x 50 = 4 x 500 = 4 x 5,000 =	Find the sum. 50 x 70 =	Find the Sum. 400 x 300 =	Find the Sum. 60 x 7,000 =

Multiply using the distributive property EXAMPLE: 4 x 14 = 4 x (7 + 7) = 4 x 7 = 28 4 x 7 = 28 28 + 28 = 46	Multiply using the distributive property. 3 x 13 =	Multiply using the distributive property. 4 x 17 =	Multiply using the distributive property. 6 x 19 =
Multiply using expanded form. EXAMPLE: 4 x 145 = 4 x (100 + 40 + 5) = 4 x 100 = 400 4 x 40 = 160 4 x 5 = 20 400 + 160 + 20 = 580 4 x 145 = 580	Multiply using expanded form. 5 x 25 =	Multiply using expanded form. 3 x 142 =	Multiply using expanded form. 2 x 261 =
Find the product using Partial products. EXAMPLE: 1 5 6 x 3 1 8 1 5 0 + 3 0 0 4 6 8	Find the product using Partial products. 2 3 5 x 5	Find the product using Partial products. 3 4 8 x 4	Find the product using Partial products. 1 2 6 7 x 3

Answer Key - Weekly Homework Sheet Week 8

Monday	Tuesday	Wednesday	Thursday
The science museum sells dinosaur models to schools and libraries for $107 each. The town library buys 3 models. The town elementary school buys 5 models. What is the total cost of the models the town buys? 3 x 107 = 321 5 x 107 = 535 535 + 321 = $856	Kyle and Karen each bought 6 books of ride tickets at the fair. Each book has 15 tickets. How many tickets did they buy altogether? 6 x 15 = 90 90 x 2 = 180 tickets	Section J in an arena has 20 rows. Each row has 15 seats. All tickets cost $18 each. If all the seats are sold, how much money will the arena collect for Section J? 20 x 15 = 300 seats 300 x 18 = 3 x (9 +9) 3 x 9 = 27 3 x 9 = 27 27+27 = 54+ 00 = $5,400 (Think 3 x 18 first, then add on the zeros)	At a high-school gym, the bleachers are divided into 6 equal sections. Each section can seat 395 people. How many people can be seated in the gym? 6 x 395 = 1,370 people
Estimate by rounding. 2 x 456 = 2 x 500 = 1,000	Estimate by rounding. 5 x 691 = 5 x 700 = 3,500	Estimate by rounding. 4 x 567 = 4 x 600 = 2,400	Estimate by rounding. 3 x 4213 = 3 x 4,000 = 12,000
Find the Sum. 4 x 50 = 200 4 x 500 = 2,000 4 x 5,000 = 20,000	Find the sum. 50 x 70 = 3,500	Find the Sum. 400 x 300 =120,000	Find the Sum. 60 x 7,000 = 420,000

Multiply using the distributive property EXAMPLE: 4 x 14 = 4 x (7 + 7) = 4 x 7 = 28 4 x 7 = 28 28 + 28 = 46	Multiply using the distributive property. 3 x 13 = 3 x (6 + 7) 3 x 6 = 18 3 x 7 = 21 15 + 18 = 39	Multiply using the distributive property. 4 x 17 = 4 x (10 + 7) 4 x 10 = 40 4 x 7 = 28 40 + 28 = 68	Multiply using the distributive property. 6 x 19 = 6 x (10+9) 6 x 10 = 60 6 x 9 = 54 60 +54 = 114
Multiply using expanded form. EXAMPLE: 4 x 145 = 4 x (100 + 40 + 5) = 4 x 100 = 400 4 x 40 = 160 4 x 5 = 20 400 + 160 + 20 = 580 4 x 145 = 580	Multiply using expanded form. 5 x 25 = 5 x 20 + 5 5 x 20 = 100 5 x 5 = 25 100 + 25 = 125	Multiply using expanded form. 3 x 142 = 3 x 100 + 40 + 2 3 x 100 = 300 3 x 40 = 120 3 x 2 = 6 300 + 120 + 6 = 426	Multiply using expanded form. 2 x 261 = 2 x 200 = 400 2 x 60 = 120 2 x 1 = 2 400 + 120 + 2 = 522
Find the product using Partial products. EXAMPLE: 1 5 6 x 3 1 8 1 5 0 + 3 0 0 4 6 8	Find the product using Partial products. 2 3 5 x 5 25 150 + 1,000 1,175	Find the product using Partial products. 3 4 8 x 4 32 160 + 1,200 1,392	Find the product using Partial products. 1 2 6 7 x 3 21 180 600 + 3,000 3,801