Extra Practice 1

Lesson 1: Representing, Comparing, and Ordering Numbers

1. Write each number in standard form.
   a) 300 000 + 2000 + 600 + 40 + 6
   b) five hundred thousand seven hundred twelve

2. Write 990 009 in expanded form and in words.

3. Order the numbers from least to greatest.
   968 342, 689 342, 98 342

4. Write the greatest number with each pattern of even (e) and odd (o) digits.
   Use each digit only once.
   a) eoe oeo   b) oee oee

Extra Practice 1

Lesson 2: Using Mental Math to Add

1. Hakim estimated 5285 + 1760 as 7100.
   Is his estimate reasonable? How do you know?

2. Use mental math to add.
   a) 6004 + 3755   b) 4215 + 673   c) 5995 + 8464
   d) 7439 + 370   e) 1492 + 2950   f) 6250 + 2970

Extra Practice 2

Lesson 3: Adding 3- and 4-Digit Numbers

1. Add. Estimate to check if your answer is reasonable.

a) 8689	b) 6877	c) 4062	d) 6953
+ 798	+ 2364	+ 859	+ 5241

2. The coastline of the island of Newfoundland is 9654 km long.
   Labrador's coastline is 7886 km.
   How many kilometres of coastline are there in the province of
   Newfoundland and Labrador?

3. Fitch St. School recycled 3285 aluminum tabs.
   Quaker Rd. School recycled 4978 aluminum tabs.
   How many aluminum tabs did the 2 schools recycle altogether?

Extra Practice 2

Lesson 4: Adding Three Numbers

1. Add. Check by adding in a different order.

a) 1765	b) 5374	c) 2385	d) 3295
7447	1697	3025	4068
+ 996	+ 3812	+ 8200	+ 7871

2. The students of Wigg School held 3 fundraisers this year.
   The first fundraiser raised $2974.
   The second one raised $4156.
   The third one raised $6744.
   How much money did the students of Wigg School raise this year?

Extra Practice 3

Lesson 5: Using Mental Math to Subtract

1. Use mental math to subtract.
   a) 5286 – 2004   b) 6973 – 861   c) 7004 – 3050
   d) 4632 – 997   e) 4635 – 1980   f) 4600 – 1750

2. Michelle had $4328 in her chequing account.
   She wrote a cheque for $1003 to pay for car repairs.
   How much money does Michelle have in her chequing account now?

Name _____ Date _____

Extra Practice 3

Lesson 6: Subtracting with 4-Digit Numbers

1. Subtract. Use addition to check if your answer is correct.
   a)   9610   b)   4006   c)   7000   d)   5432
       – 2312   – 1775   – 1437   – 4654

2. a) Mount Logan has an elevation of 5959 m.
      Fairweather Mountain has an elevation of 4663 m.
      How much higher is Mount Logan than Fairweather Mountain?

   b) Cirque Mountain has an elevation of 1568 m.
      How much higher is Fairweather Mountain than Cirque Mountain?

Name _____ Date _____

(Master 2.31)   **Extra Practice 4**

Lesson 7: Multiplication and Division Facts to 144

1. How many eggs are in 9 dozen?

2. Write four related facts for each set of numbers:
   a) 5, 12, 60   b) 11, 7, 77

3. How does knowing the product 6×7 help you find the product 12×7?

Name _____ Date _____

(Master 2.31)   **Extra Practice 4**

Lesson 8: Multiplying with Multiples of 10

1. Multiply.
   a) 7×700 b) 90×80 c) 12×600 d) 30×50

2. There are 100 cm in 1 m.
   A piece of fabric is 12 m long.
   How many centimetres is that?

3. Rhianna puts eight $20 bills and fifteen $10 bills into a cash register.
   How much money did she put in the cash register?

Extra Practice 5

Lesson 9: Using Mental Math to Multiply

1. Use mental math to multiply.
    a) 7×397 b) 9×502 c) 48×25 d) 11×62

2. Suhail has thirty-five $10 bills and one hundred three $5 bills.
    How much money does Suhail have?

3. A tile floor has 16 rows of tiles.
    There are 26 tiles in each row.
    How many tiles are in the floor?

Lesson 10: Multiplying 2-Digit Numbers

1. Multiply
    a) $\begin{array}{r} 84 \\ \times\ 44 \end{array}$ b) $\begin{array}{r} 41 \\ \times\ 87 \end{array}$ c) $\begin{array}{r} 45 \\ \times\ 37 \end{array}$ d) $\begin{array}{r} 83 \\ \times\ 70 \end{array}$

2. Katelyn made a jigsaw puzzle with 24 rows of 29 pieces.
    Lauren made a puzzle with 26 rows of 27 pieces.
    Whose puzzle has more pieces? How many more?

3. A tile wall has 336 tiles.
    How many rows of tiles might it have?
    How many tiles would be in each row?

Extra Practice 6

Lesson 11: Estimating Quotients

1. Estimate each quotient.
    a) $4835 \div 8$ b) $2015 \div 5$ c) $1897 \div 7$
    d) $2968 \div 4$ e) $5038 \div 9$ f) $4202 \div 6$

2. Ethna wants to make 4 identical structures using 585 building blocks.
    About how many blocks will be in each structure?

3. Use mental math to divide.
    a) $276 \div 3$ b) $468 \div 9$ c) $128 \div 4$ d) $301 \div 7$

Extra Practice 6

Lesson 12: Dividing with Whole Numbers

1. Find each quotient greater than 99.
   a) 2640 ÷ 3   b) 5887 ÷ 7   c) 6396 ÷ 4   d) 1744 ÷ 8

2. In a 5-day week, a factory makes 6385 bicycles.
   Suppose the same number of bicycles is made each day.
   How many bicycles are made each day?

3. Find each quotient greater than 1000.
   a) 9258 ÷ 6   b) 3760 ÷ 5   c) 3884 ÷ 2   d) 9308 ÷ 4

Extra Practice 7

Lesson 13: Solving Problems

1. Tickets to a school play cost $8 for adults and $5 for children.
   Suppose 60 adult tickets and 45 children's tickets were sold.
   How much money was made on the sale of tickets?

2. Katherine's dog, Blackie, eats 21 kg of dog kibble in 3 weeks.
   How much kibble will he eat in 10 weeks?

3. A local restaurant held a draw last weekend.
   Tickets cost $6.
   Two hundred forty-three tickets were sold on Friday,
   397 on Saturday, and 132 on Sunday.
   How much money was collected altogether?

SAMPLE ANSWERS – UNIT #1

Extra Practice 1 – Master 2.28
Lesson 1
1. **a)** 302 646 **b)** 500 712
2. 900 000 + 90 000 + 9
   nine hundred ninety thousand nine
3. 98 342, 689 342, 968 342
4. **a)** 896 745 **b)** 986 742

Lesson 2
1. Hakim's estimate is reasonable;
   rounding both numbers to the
   nearest hundred gives 5300 and 1800.
   5300 + 1800 = 7100

2. **a)** 9759   **b)** 4888
   c) 14 459 **d)** 7809
   e) 4442   **f)** 9220

Extra Practice 2 – Master 2.29
Lesson 3
1. **a)** 9487   **b)** 9241
   c) 4921   **d)** 12 194
2. 17 540 km
3. 8263

Lesson 4
1. **a)** 10 208   **b)** 10 883
   c) 13 610   **d)** 15 234
2. $13 874

Extra Practice 3 – Master 2.30
Lesson 5
1. **a)** 3282   **b)** 6112   **c)** 3954
   d) 3635   **e)** 2655   **f)** 2850
2. Michelle has $3325 left in her account.

Lesson 6
1. **a)** 7298   **b)** 2231
   c) 5563   **d)** 778
2. **a)** 1296 m **b)** 3095 m

Extra Practice 4 – Master 2.31
Lesson 7
1. 108
2. **a)** $5 \times 12 = 60$ $60 \div 5 = 12$
      $12 \times 5 = 60$ $60 \div 12 = 5$
   b) $11 \times 7 = 77$ $77 \div 7 = 11$
      $7 \times 11 = 77$ $77 \div 11 = 7$
3. $6 \times 7 = 42$, so $12 \times 7 = 2 \times 6 \times 7 = 2 \times 42 = 84$

Lesson 8
1. **a)** 4900   **b)** 7200
   c) 7200   **d)** 1500
2. 1200 cm
3. $310

Extra Practice 5 – Master 2.32
Lesson 9
1. **a)** 2779   **b)** 4518
   c) 1200   **d)** 682
2. $865
3. 416 tiles

Lesson 10
1. **a)** 3696   **b)** 3567
   c) 1665   **d)** 5810
2. Lauren's; 6
3. For example, there may be 12 rows of tiles;
   each row would have 28 tiles.

Extra Practice 6 – Master

2.33
Lesson 11
1. **a)** About 600
   b) About 400
   c) About 300
   d) About 700
   e) About 600
   f) About 700
2. About 150
3. **a)** 92   **b)** 52
   c) 32   **d)** 43

Lesson 12
1. **a)** 880   **b)** 841   **c)** 1599   **d)** 218
2. 1277 bicycles

3. **a)** 1543   **c)** 1942   **d)** 2327

Extra Practice 7 – Master 2.34
Lesson 13
1. $705
2. 70 kg
3. $4632