

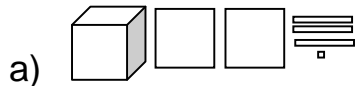
Name _____ Date _____

Master 2.25

Extra Practice 1

Lesson 1: Whole Numbers to 99 999

1. Write each number in standard form.



b) eighty thousand twelve

2. Write each number in expanded form.

a) 99 095

b) 4263

3. How are 27 015 and 72 015 the same? How are they different?

Lesson 2: Rounding Numbers

1. Round each number to the nearest thousand, the nearest hundred, and the nearest ten.

a) 3479

b) 8762

c) 4299

2. Find two different numbers that round to 2000 when rounded to the nearest thousand and to the nearest hundred.

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Extra Practice 2

Lesson 3: Comparing and Ordering Numbers

1. Replace each \square with $>$, $<$, or $=$ so that each statement is true.
a) $7269 \square 7630$ b) $2003 \square 2003$ c) $9999 \square 9998$
d) $8150 \square 8129$ e) $8009 \square 8020$ f) $5225 \square 5252$
2. Write the numbers in order from greatest to least.
a) 1254, 1425, 1542 b) 7234, 7206, 7324
3. Replace each \square with a digit so that each statement is true.
a) $4\square 62 < 4276$ b) $3776 > \square 776$

Lesson 4: Estimating Sums

1. Estimate each sum.
a) $726 + 87$ b) $673 + 504$ c) $249 + 249$
2. Is each estimate high or low? How do you know?
a) $191 + 528$ b) $256 + 378$
 Estimated sum: 600 Estimated sum: 700
3. A CD player costs \$98. A portable TV costs \$379.
 Erin has \$500. Does she have enough money to buy both?
 How do you know?

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Extra Practice 3

Lesson 5: Using Mental Math to Add

Use mental math.

1. Add. Try to use a different strategy each time.
a) $276 + 198$ b) $354 + 512$ c) $566 + 103$
d) $663 + 128$ e) $836 + 199$ f) $702 + 385$
2. There were 235 people at the school play Friday night and 327 people on Saturday night.
How many people were at the school play in total?

Lesson 6: Adding 3-Digit Numbers

1. Add.
a)
$$\begin{array}{r} 219 \\ + 785 \\ \hline \end{array}$$
 b)
$$\begin{array}{r} 498 \\ + 325 \\ \hline \end{array}$$
 c)
$$\begin{array}{r} 104 \\ + 692 \\ \hline \end{array}$$
2. Pierre read one book with 356 pages.
He read another with 275 pages.
How many pages did he read in total?
3. Add
a)
$$\begin{array}{r} 627 \\ + 186 \\ \hline \end{array}$$
 b)
$$\begin{array}{r} 387 \\ + 56 \\ \hline \end{array}$$
 c)
$$\begin{array}{r} 495 \\ + 786 \\ \hline \end{array}$$

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Extra Practice 4

Lesson 7: Adding 4-Digit and 5-Digit Numbers

1. Find each sum. Estimate to check.

a)
$$\begin{array}{r} 6238 \\ + 3529 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 5216 \\ + 3789 \\ \hline \end{array}$$

c)
$$\begin{array}{r} 4390 \\ + 2178 \\ \hline \end{array}$$

d)
$$\begin{array}{r} 21\ 456 \\ + 12\ 871 \\ \hline \end{array}$$

e)
$$\begin{array}{r} 33\ 460 \\ + 50\ 542 \\ \hline \end{array}$$

f)
$$\begin{array}{r} 23\ 982 \\ + 64\ 329 \\ \hline \end{array}$$

2. Dalton has 1768 trading cards.
His grandma gives Dalton her collection of 673 trading cards.
How many cards does Dalton now have?

Lesson 8: Estimating Differences

1. Estimate each difference by rounding.

a) $951 - 174$

b) $414 - 89$

c) $666 - 192$

2. Is each estimate high or low? How do you know?

a) $923 - 398$

b) $731 - 287$

Estimated difference: 600

Estimated difference: 500

3. Why does rounding to the nearest hundred not give a good estimate for $251 - 249$? What is a better way to estimate this difference?

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Extra Practice 5

Lesson 9: Using Mental Math to Subtract

- Use mental math to subtract. What patterns do you notice?
a) $715 - 100$ b) $725 - 100$ c) $735 - 100$
- Use mental math to subtract.
Try to use a different strategy each time.
a) $621 - 198$ b) $392 - 295$ c) $567 - 308$

Lesson 10: Subtracting 3-Digit Numbers

- Subtract. How do you know each answer is reasonable?
a)
$$\begin{array}{r} 624 \\ - 357 \\ \hline \end{array}$$
 b)
$$\begin{array}{r} 901 \\ - 743 \\ \hline \end{array}$$
 c)
$$\begin{array}{r} 837 \\ - 189 \\ \hline \end{array}$$
- Subtract.
a)
$$\begin{array}{r} 646 \\ - 367 \\ \hline \end{array}$$
 b)
$$\begin{array}{r} 318 \\ - 149 \\ \hline \end{array}$$
 c)
$$\begin{array}{r} 704 \\ - 253 \\ \hline \end{array}$$
- A male white Bengal tiger has a mass of about 228 kg.
The female has a mass of about 149 kg.
How much greater is the male tiger's mass?

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Extra Practice 6

Lesson 11: Subtracting from 4-Digit and 5-Digit Numbers

1. Subtract. Check your answer.

$$\begin{array}{r} \text{a) } 4237 \\ - 597 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b) } 8911 \\ - 949 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c) } 3078 \\ - 578 \\ \hline \end{array}$$

2. Subtract.

$$\begin{array}{r} \text{a) } 17\,362 \\ - 2\,841 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b) } 38\,304 \\ - 11\,286 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c) } 47\,231 \\ - 25\,187 \\ \hline \end{array}$$

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Sample Answers

Extra Practice 1 – Master 2.25

Lesson 1

- a) 1231 b) 80 012
- a) $90\,000 + 9000 + 90 + 5$
b) $4000 + 200 + 60 + 3$
- They have the same digits in a different order.

Lesson 2

- a) 3000; 3500; 3480
b) 9000; 8800; 8760
c) 4000; 4300; 4300
- Two possible numbers are 1990 and 2030.

Extra Practice 2 – Master 2.26

Lesson 3

- a) < b) = c) >
d) > e) < f) <
- a) 1542, 1425, 1254
b) 7324, 7234, 7206
- a) One possible digit is 2.
b) One possible digit is 2.

Lesson 4

- a) 800 b) 1200 c) 400
- a) Low b) High
- Erin has enough money for both.

Extra Practice 3 – Master 2.27

Lesson 5

- a) 474 b) 866 c) 669
d) 791 e) 1035 f) 1087
- 562

Lesson 6

- a) 1004 b) 823 c) 796
- 631
- a) 813 b) 443 c) 1281

Extra Practice 4 – Master 2.28

Lesson 7

- a) 9767 b) 9005 c) 6568
d) 34 327 e) 84 002 f) 88 311
- 2441

Lesson 8

- a) 800 b) 320 c) 500
- a) High b) High
- Round to the nearest ten.

Extra Practice 5 – Master 2.29

Lesson 9

- a) 615 b) 625 c) 635
- a) 423 b) 97 c) 259

Lesson 10

- a) 267 b) 158 c) 648
- a) 279 b) 169 c) 451
- 79 kg

Extra Practice 6 – Master 2.30

Lesson 11

- a) 3640 b) 7962 c) 2500
- a) 14 521 b) 27 018 c) 22 044