Name _____ Date _____

Estimate Sums and Differences

Example · Estimate a sum

Estimate 76 + 37.

76	rounds to	80
+ 37	rounds to	+40
	about	120

① Round 76 to the nearest ten: 80.
② Round 37 to the nearest ten: 40.
③ Add: 80 + 40 = 120.
The sum is about 120.

1 Estimate each sum. Round to the nearest ten.

a 61 + 14 ____ + ____ = ____

b 23 + 59 ____ + ____ = ____

c 82 + 46 ____ + ____ = ____

d 51 + 26 ____ + ____ = ____

Example · Estimate a difference

Estimate 84 − 28.

84	rounds to	80
− 28	rounds to	−30
	about	50

① Round 84 to the nearest ten: 80.
② Round 28 to the nearest ten: 30.
③ Subtract: 80 − 30 = 50.
The difference is about 50.

2 Estimate each difference. Round to the nearest ten.

a 93 − 67 ____ − ____ = ____

b 63 − 33 ____ − ____ = ____

c 73 − 21 ____ − ____ = ____

d 86 − 44 ____ − ____ = ____

TIP Round both numbers to the same place before you add or subtract.

Example · Sum, nearest hundred

Estimate 623 + 166.

623	rounds to	600
+ 166	rounds to	+200
	about	800

① Round 623 to the nearest hundred: 600.
② Round 166 to the nearest hundred: 200.
③ Add: 600 + 200 = 800.
The sum is about 800.

3 Estimate each sum. Round to the nearest hundred.

a 521 + 312 ____ + ____ = ____

b 206 + 186 ____ + ____ = ____

c 428 + 227 ____ + ____ = ____

d 474 + 344 ____ + ____ = ____

Example · Difference, nearest hundred

Estimate 862 − 682.

862	rounds to	900
− 682	rounds to	−700
	about	200

① Round 862 to the nearest hundred: 900.
② Round 682 to the nearest hundred: 700.
③ Subtract: 900 − 700 = 200.
The difference is about 200.

4 Estimate each difference. Round to the nearest hundred.

a 914 − 493 ____ − ____ = ____

b 717 − 217 ____ − ____ = ____

c 644 − 298 ____ − ____ = ____

d 898 − 473 ____ − ____ = ____

PROBLEM SOLVING

5 A zoo had 262 visitors on Friday and 415 visitors on Saturday. To the nearest hundred, about how many visitors came in all?

Answer ____

THINK

6 Ava found 498 + 308 = 706. Use an estimate to tell if her answer is reasonable. Explain.

Answer _____