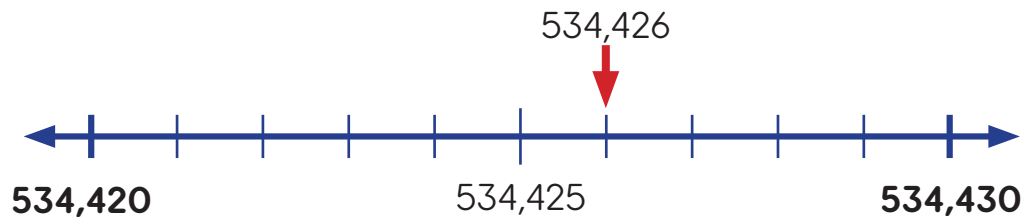




Rounding and Estimation

1. Fill in the missing numbers.

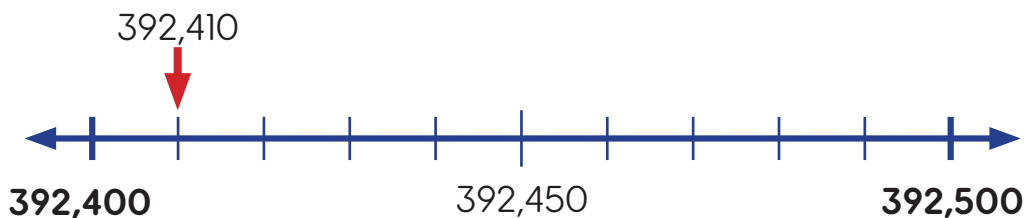
(a)



_____ rounded off to the nearest ten is _____.

_____ \approx _____

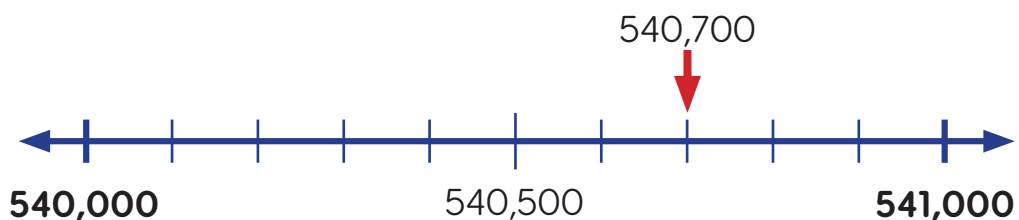
(b)



_____ rounded off to the nearest
hundred is _____.

_____ \approx _____

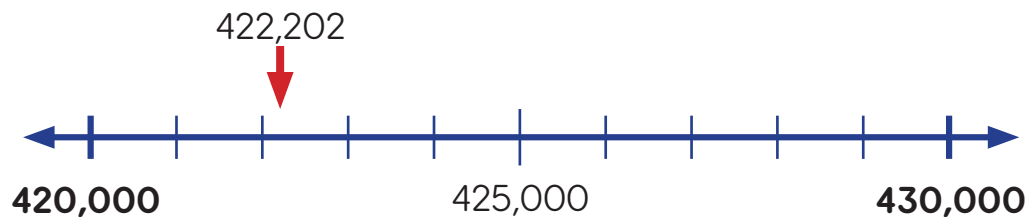
(c)



_____ rounded off to the nearest
thousand is _____.

_____ \approx _____

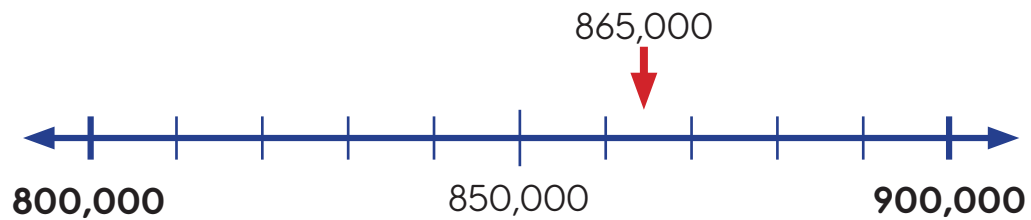
(d)



_____ rounded off to the nearest
ten thousand is _____.

_____ \approx _____

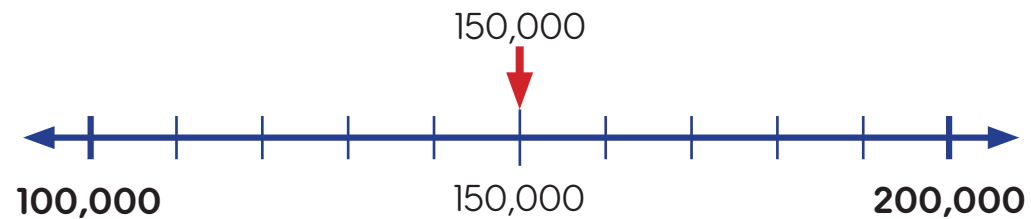
(e)



_____ rounded off to the nearest
hundred thousand is _____.

_____ \approx _____

(f)



_____ rounded off to the nearest
hundred thousand is _____.

_____ \approx _____

2. Fill in the blanks.

- (a) A new car is for sale for \$650,304. Round the price to the nearest thousand dollars.

_____ \approx _____

The price of the car is about \$_____.

- (b) A tennis ball factory makes 453,102 balls in a year. Round the number of balls made in a year to the nearest ten thousand balls.

_____ \approx _____

The factory makes about _____ balls in a year.

- (c) An optometrist has done 64,534 eye tests in her career. Round the number of eye tests to the nearest ten thousand eye tests.

_____ \approx _____

The optometrist has done about _____ eye tests.

- (d) In a season, a farmer and his crew pick 123,405 apples. Round the number of apples picked to the nearest hundred thousand apples.

_____ \approx _____

The farmer and his crew picked about _____ apples.

- (e) The latest printer can print 891,001 pages per day. Round the number of pages the printer can print in a day to the nearest hundred thousand pages.

_____ \approx _____

The printer can print about _____ pages per day.

3. Round the numbers to the nearest hundred.

- | | |
|-----------------------------|-----------------------------|
| (a) 4,693 \approx _____ | (b) 295,035 \approx _____ |
| (c) 52,963 \approx _____ | (d) 639,495 \approx _____ |
| (e) 395,235 \approx _____ | (f) 150,105 \approx _____ |
| (g) 516,092 \approx _____ | (h) 225,295 \approx _____ |

4. Round the numbers to the nearest thousand.

- | | |
|-----------------------------|-----------------------------|
| (a) 4,942 \approx _____ | (b) 49,205 \approx _____ |
| (c) 496,232 \approx _____ | (d) 749,925 \approx _____ |
| (e) 297,298 \approx _____ | (f) 785,486 \approx _____ |
| (g) 792,017 \approx _____ | (h) 113,513 \approx _____ |

5. Round the numbers to the nearest ten thousand.

- | | |
|-----------------------------|-----------------------------|
| (a) 9,835 \approx _____ | (b) 496,942 \approx _____ |
| (c) 495,026 \approx _____ | (d) 958,395 \approx _____ |
| (e) 349,203 \approx _____ | (f) 209,273 \approx _____ |
| (g) 582,001 \approx _____ | (g) 102,042 \approx _____ |

6. Round the numbers to the nearest hundred thousand.

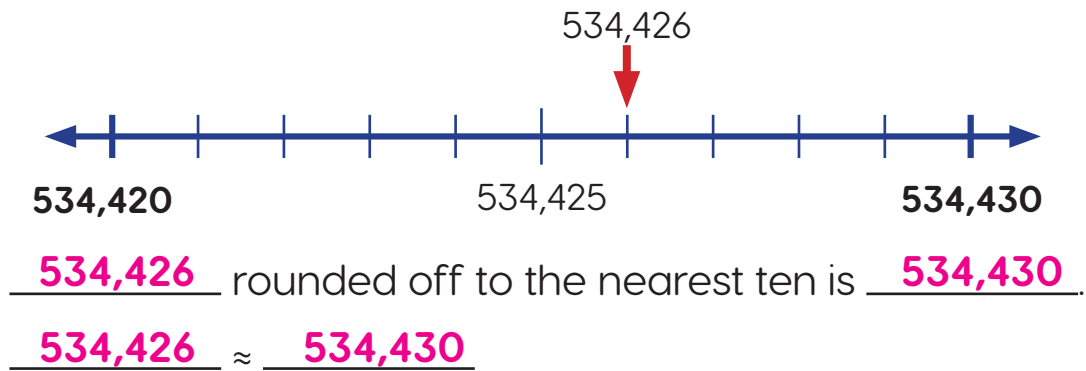
- | | |
|-----------------------------|-----------------------------|
| (a) 759,036 \approx _____ | (b) 329,492 \approx _____ |
| (c) 89,305 \approx _____ | (d) 998,998 \approx _____ |
| (e) 156,578 \approx _____ | (f) 135,182 \approx _____ |
| (g) 305,304 \approx _____ | (h) 405,304 \approx _____ |



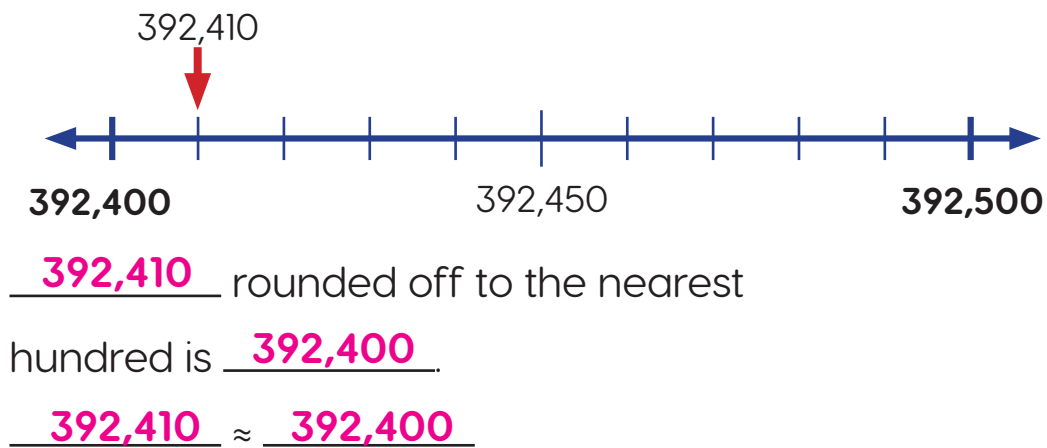
Rounding and Estimation

1. Fill in the missing numbers.

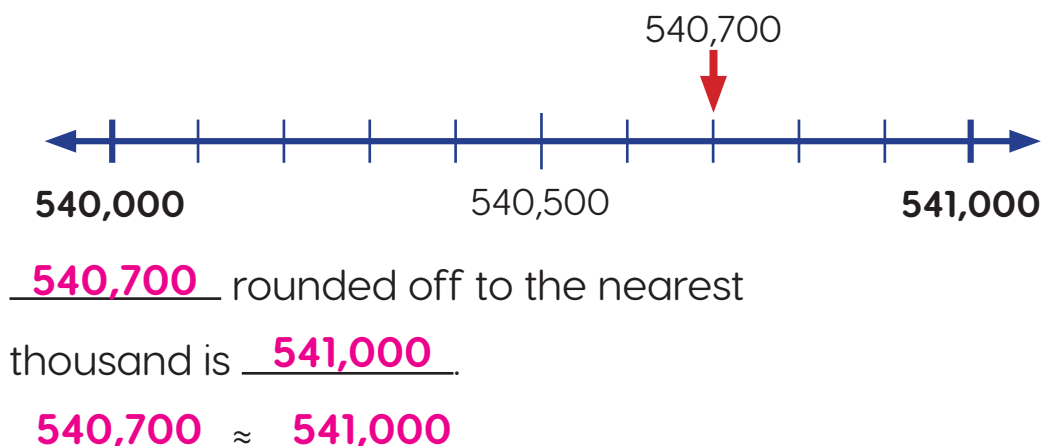
(a)



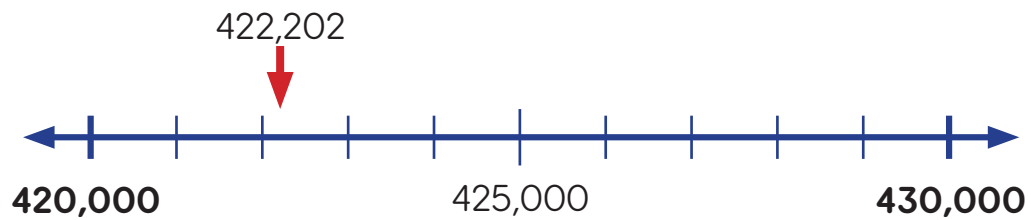
(b)



(c)



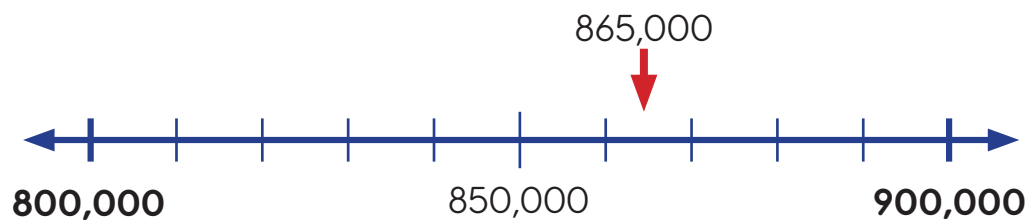
(d)



422,202 rounded off to the nearest
ten thousand is 420,000.

$$\underline{422,202} \approx \underline{420,000}$$

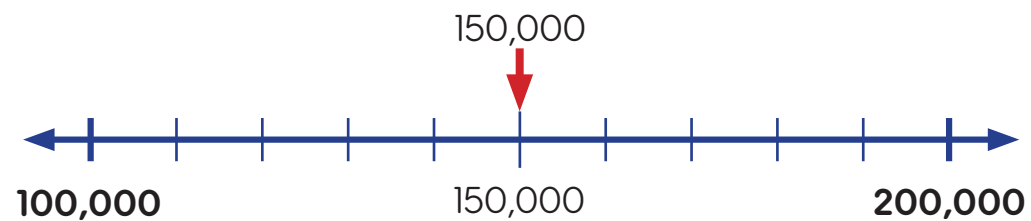
(e)



865,000 rounded off to the nearest
hundred thousand is 900,000.

$$\underline{865,000} \approx \underline{900,000}$$

(f)



150,000 rounded off to the nearest
hundred thousand is 200,000.

$$\underline{150,000} \approx \underline{200,000}$$

2. Fill in the blanks.

- (a) A new car is for sale for \$650,304. Round the price to the nearest thousand dollars.

$$\underline{650,304} \approx \underline{650,000}$$

The price of the car is about \$ 650,000.

- (b) A tennis ball factory makes 453,102 balls in a year. Round the number of balls made in a year to the nearest ten thousand balls.

$$\underline{453,102} \approx \underline{450,000}$$

The factory makes about 450,000 balls in a year.

- (c) An optometrist has done 64,534 eye tests in her career. Round the number of eye tests to the nearest ten thousand eye tests.

$$\underline{64,534} \approx \underline{60,000}$$

The optometrist has done about 60,000 eye tests.

- (d) In a season, a farmer and his crew pick 123,405 apples. Round the number of apples picked to the nearest hundred thousand apples.

$$\underline{123,405} \approx \underline{100,000}$$

The farmer and his crew picked about 100,000 apples.

- (e) The latest printer can print 891,001 pages per day. Round the number of pages the printer can print in a day to the nearest hundred thousand pages.

$$\underline{891,001} \approx \underline{900,000}$$

The printer can print about 900,000 pages per day.

3. Round the numbers to the nearest hundred.

(a) $4,693 \approx \underline{4,700}$

(b) $295,035 \approx \underline{295,000}$

(c) $52,963 \approx \underline{53,000}$

(d) $639,495 \approx \underline{639,500}$

(e) $395,235 \approx \underline{395,200}$

(f) $150,105 \approx \underline{150,100}$

(g) $516,092 \approx \underline{516,100}$

(h) $225,295 \approx \underline{225,300}$

4. Round the numbers to the nearest thousand.

(a) $4,942 \approx \underline{5,000}$

(b) $49,205 \approx \underline{49,000}$

(c) $496,232 \approx \underline{496,000}$

(d) $749,925 \approx \underline{750,000}$

(e) $297,298 \approx \underline{297,000}$

(f) $785,486 \approx \underline{785,000}$

(g) $792,017 \approx \underline{792,000}$

(h) $113,513 \approx \underline{114,000}$

5. Round the numbers to the nearest ten thousand.

(a) $9,835 \approx \underline{10,000}$

(b) $496,942 \approx \underline{500,000}$

(c) $495,026 \approx \underline{500,000}$

(d) $958,395 \approx \underline{960,000}$

(e) $349,203 \approx \underline{350,000}$

(f) $209,273 \approx \underline{210,000}$

(g) $582,001 \approx \underline{580,000}$

(g) $102,042 \approx \underline{100,000}$

6. Round the numbers to the nearest hundred thousand.

(a) $759,036 \approx \underline{800,000}$

(b) $329,492 \approx \underline{300,000}$

(c) $89,305 \approx \underline{100,000}$

(d) $998,998 \approx \underline{1,000,000}$

(e) $156,578 \approx \underline{200,000}$

(f) $135,182 \approx \underline{100,000}$

(g) $305,304 \approx \underline{300,000}$

(h) $405,304 \approx \underline{400,000}$