



Practice exercise: Rounding and Estimating

A. Round each of the numbers to the nearest hundred.

- **Example:** 124 896
 - 8 is in the hundreds column. We add 1 to 8 because the digit to its right is a 9 and is greater than 5. Then, replace the rest of the numbers to the right of 8 with zeros. The answer is 124 900

1. 8 475

2. 4 658

3. 5 012

4. 2 364

5. 10 407

6. 15 938

7. 418 886

8. 943 428

9. 8 053 258

10. 1 517 327

B. Round each of the numbers to the nearest thousand.

- **Example: 2 456 123**

- **6 is in the thousands column. Let 6 stay in its column because to its right the digit is 1 which is less than 5. Then, replace the rest of the numbers to its right with zeros.**

The answer is 2 456 000

1. 8 888

2. 2 284

3. 53 250

4. 69 527

5. 739 474

6. 482 737

7. 815 739

8. 5 952 688

9. 1 308 886

10. 2 041 985

C. Round each of the numbers to the nearest ten thousand.

1. 27 629

2. 94 573

3. 4 249 834

4. 5 794 377

5. 20 768 946

6. 84 679 249

7. 97 371 843

8. 44 281 730

9. 19 216 031

10. 53 005 738

D. Find and round the product to the nearest ten thousand.

• **Example:** $2\ 125 * 15 = \underline{31\ 875}$

- Look at the product. 3 is in the ten thousands column. To its right is 1 which is less than 5. Let 3 stay in its column, and replace the rest of the numbers with zeros.

The answer is 30 000.

1. $519 * 472 =$

2. $861 * 593 =$

3. $427 * 319 =$

4. $1\ 843 * 296 =$

5. $7\ 631 * 972 =$

6. $4\ 753 * 349 =$

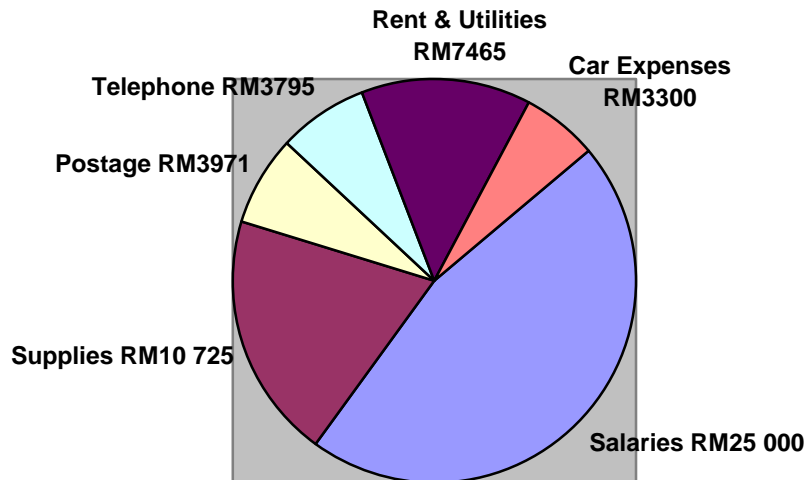
7. $78\ 618 * 283 =$

8. $84\ 962 * 392 =$

9. $99\ 999 * 943 =$

10. $56\ 817 * 1\ 346 =$

E. The pie chart shows one year's worth of expenses for a small business.



1. How much was spent on car expenses and rent & utilities? (round to the nearest hundred)
2. Find the total amount spent, to the nearest thousand on items other than salaries and supplies?

Answer Key

Practice exercise: Rounding and Estimating

A.

1. 8 500
2. 4 700
3. 5 000
4. 2 400
5. 10 400
6. 15 900
7. 418 900
8. 943 400
9. 8 053 300
10. 1 517 300

B.

1. 9 000
2. 2 000
3. 53 000
4. 70 000
5. 739 000
6. 482 000
7. 816 000
8. 5 953 000
9. 1 309 000
10. 2 042 000

C.

1. 30 000
2. 90 000
3. 4 250 000
4. 5 790 000
5. 20 770 000
6. 84 680 000
7. 97 370 000
8. 44 280 000
9. 19 220 000
10. 53 010 000

D.

1. 240 000
2. 510 000
3. 140 000
4. 550 000
5. 7 420 000
6. 1 660 000
7. 22 250 000
8. 33 310 000
9. 94 300 000
10. 764 800 000

E.

1. 10 800
2. 19 000