1.3 ROUNDING & ESTIMATION WITH WHOLE NUMBERS

A. Round each to the place indicated.

1. 4357 (tens)
2. 35 214 (hundreds)
3. 86 (tens)
4. 8888 (tens)
5. 52 934 (hundreds)
6. 39 (hundreds)
7. 862 (hundreds)
8. 5723 (thousands)
9. 93 499 (thousands)
10. 9999 (thousands)

B. Which of the following is an estimate or an exact amount?

1. There are 26 pupils in class.
2. Henry thinks that he has almost $100 in his wallet.
3. The population of Canada is 33 000 000.
4. Jarrod scored 47 goals last year.
5. Jarrod should score 55 goals next year.

C. Solve each of the following.

1. Commonwealth Stadium in Edmonton seats 62 537 people. If the stadium was almost filled to capacity for 8 consecutive football games, approximately how many fans attended the games?

2. Canada is the world's second largest country covering an area of 9 976 139 km^2.

   a) What was the approximate number of people per km^2 in Canada in 1961 if the population was 19 583 000?

   b) What was the population density in 1981 if the population was 25 000 000?

3. What is the approximate average of 6345, 2532, 1752, and 8496?

D. Chose an estimate from the list of answers provided for each question below.

	ANSWERS
1. $48 \times 105 =$	500
2. $1430 + 2596 =$	1000
3. $83\,506 - 82\,953 =$	2000
4. $2600 \div 53 =$	3000
5. $35 \times 35 =$	4000
6. $9405 - 6536 =$	5000
7. $830 \times 38 =$	6000
8. $8962 \div 46 =$	