ME3-21 Intervals of Time

1 week = 7 days | 1 day = 24 hours | 1 hour = 60 minutes

1. Skip count to fill in the table.

a)

Weeks	Days
1	
2	
3	

b)

Days	Hours
1	
2	
3	

c)

Hours	Minutes
1	
2	
3	

2. a) Nina's birthday is in 2 weeks. How many days until Nina's birthday? _____

   b) A weekend is 2 days long. How many hours long is one weekend? _____

3. A train ride from Toronto to Vancouver takes 87 hours. How long is the trip? Circle the correct answer.

   between 2 and 3 days between 3 and 4 days between 4 and 5 days

4. A test is 90 minutes long.

   a) Is the test longer than 1 hour? _____

   b) Is the test longer than 2 hours? _____

5. Ronin walks his dog 3 times a day, 20 minutes each time.

   a) How many minutes does he walk his dog in one day? _____

   b) How many hours does he walk his dog in one day? _____

   c) How many hours each week does Ronin spend walking his dog? _____

6. Zara exercises 40 minutes every day.

   a) How many minutes does she exercise in one week?

   Hint: Skip count by 40. _____

   b) A doctor says Zara should exercise at least 3 hours a week.

   Does she exercise enough? _____

NS3-71 Rounding Tens

Multiples of 10 are the numbers you say when counting by tens starting at 0.
0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, and so on.

1. Find the multiple of 10 that comes after the number.

a) 23, *30* b) 64, _____ c) 78, _____ **BONUS ▶** 101, _____

2. Find the multiple of 10 that comes before the number.

a) *40*, 46 b) _____, 85 c) _____, 22 **BONUS ▶** _____, 109

3. Find the multiples of 10 before and after the number.

a) *40*, 43, *50* b) _____, 67, _____ c) _____, 18, _____

d) _____, 71, _____ e) _____, 7, _____ f) _____, 35, _____

4. Draw an arrow to show if the circled number is closer to the multiple of 10 that comes before or after the number.

a) **10** 11 12 (13) 14 15 16 17 18 19 **20**

b) **40** 41 42 43 44 45 (46) 47 48 49 **50**

c) **70** 71 72 73 74 75 76 (77) 78 79 **80**

d) **90** 91 (92) 93 94 95 96 97 98 99 **100**

e) **30** 31 32 33 (34) 35 36 37 38 39 **40**

f) **60** 61 62 63 64 65 66 67 (68) 69 **70**

5. Look at your answers to Question 4.

a) List the ones digits of the numbers that are closer to the **previous** multiple of 10. _____

b) List the ones digits of the numbers that are closer to the **next** multiple of 10. _____

c) Why are the numbers with a ones digit of 5 a special case?

_____

When **rounding** to the nearest multiple of 10:

- if the ones digit is 1, 2, 3, or 4, **round down** to the previous multiple of 10.
- if the ones digit is 5, 6, 7, 8, or 9, **round up** to the next multiple of 10.

Examples: 53 rounds down to 50. 47 rounds up to 50.

6. Round to the nearest multiple of 10. Circle the answer.

a) 58 is rounded to 50 or (60)

b) 32 is rounded to 30 or 40

c) 64 is rounded to 60 or 70

d) 21 is rounded to 20 or 30

e) 77 is rounded to 70 or 80

f) 25 is rounded to 20 or 30

7. Find the previous and the next multiple of 10. Which would you round the number to? Circle it.

a) 27 *20* or (*30*)

b) 43 _____ or _____

c) 89 _____ or _____

d) 65 _____ or _____

e) 14 _____ or _____

f) 7 _____ or _____

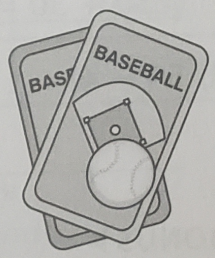
8. Round to the nearest ten.

a) 62 [*60*]

b) 47 [ ]

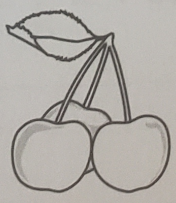
c) 39 [ ]

d) 21 [ ]



9. Simon has 87 baseball cards. Rounded to the nearest ten, how many baseball cards does he have? _____

10. Tessa's mother worked 43 hours last week. Rounded to the nearest ten, how many hours did she work? _____



11. Jack picked 76 cherries for his basket. Rounded to the nearest ten, how many cherries did he pick? _____