MidTerm Review WS C Name

**1**. a) the whole number 4.2 is closest ……. b) The whole number 1.89 is closest to ……...

c) the tenths 1.89 is closest ………………. d) The tenths 3.53 is closest to ……………….

**2**. During the Easter vacation, Matt helped his father make maple sugar. He was responsible for collecting the sap in barrels which would then be taken to the evaporating vat. In the four days that she worked, he collected the following number of barrels:

|  |  |  |  |
| --- | --- | --- | --- |
| **FRIDAY** | **SATURDAY** | **SUNDAY** | **MONDAY** |
|  |  |  |  |

Each barrel can hold 42 litres. After the sap was boiled and evaporated, the resulting syrup was  of the sap collected. **How many litres of syrup did Melanie have after the sap had been evaporated?**

**3**. Who got the highest mark on the last math quiz?

a) Jenna 3/5, Max had 61% and if Sam’s mark as a decimal was written as 0.6? Justify your answer.

**4.** Solve

|  |  |  |  |
| --- | --- | --- | --- |
| 0.56 – 0.3459  | 0.4598 + 5.678  | 789045.97 + 3456.32  | 0.25 x 0.25  |

**5**. Ms. Amorosa purchased a down winter coat last week. The original cost of the coat is $605. Ms. Amorosa saved 55% off the original price.

a) Calculate the discount: b) Calculate the new sale price.

c) She then went to the cash and received another 10% off the reduced sale price.

Calculate the new discount. d) Calculate the new sale price.

e) There is 14.975% tax in Quebec. **How much did Ms. Amorosa have to pay?**

**6**. Rearrange the following sets of numbers from smallest to largest.

a) +3 +12 0 +56 -17 b) 80 -40 -55 -112

7. One week, during the winter, Melanie planned a snowboarding day for Friday. The weather channel recommends that people stay indoors if the temperature goes as low as -40 °C or below.

Her brother listened to the weather channel for her, and here’s what he reported for that week.

* On Tuesday, the temperature was ‑30 °C.
* On Monday, the temperature was 5 °C warmer than it was on Tuesday.
* On Wednesday, there was a cold snap, and the temperature decreased by 25 °C. It stayed at that temperature on Thursday as well.
* Friday, the temperature was 12 °C warmer than it was on Thursday.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Day | Mon. | Tues. | Wed. | Thurs. | Fri. |
| Temperature |  |  -30 °C |  |  |  |

If Melanie followed the weather channel’s recommendations, would she have gone snowboarding that Friday?

**8.** 5 x 2 ÷ [7 – (2+4)] **9**. 

**10**. $\frac{7}{9}$ - $\frac{1}{9}$ x $\frac{2}{3}$

**11. Continue to skip count for three more numbers.**

1. 9700, 9800, 9900, … b) 38 000, 39 000, …

**12**. **How would you calculate the following?**

a) 52 =

b) 74 =

**13.** **Write two numbers to match:** 5 in the thousands place and 4 in the tens place

**14. Round** 37 892 to the nearest a) ten,

b) hundred, c) thousand d) ten thousand

**15.** Circle the greater fraction and tell us why it is larger.



**16.** Circle the fractions below that are equivalent (equal) to $\frac{4}{6}$



**17.** List two fractions that are **larger** than $\frac{3}{5}$.



**18.** Elias needs to add 1$\frac{1}{3}$ cups of flour to his cookies.

What are two ways that Elias could measure this amount using the 3 measuring cups in the picture?

**19.** $\frac{5}{12}+ \frac{10}{12}$ **20**. $\frac{4}{7}+ \frac{3}{4}$

**21**. $\frac{7}{2}$ - $\frac{5}{2}$ **22.** $\frac{7}{12}$ - $\frac{2}{5}$

**23.** 5 + $3\frac{5}{7}$ **24**. $\frac{3}{5} X \frac{1}{4}=$

**25.** 2$\frac{2}{3}$ x 1$\frac{1}{4}$ **26**. $\frac{3}{5} $÷$ \frac{2}{3} $

**27.** Last year, Carrie’s humongous pig Buffy weighed 230kg. This year he weighs $\frac{3}{5}$ more because everyone keeps giving him treats. **How much does Carrie’s pig weigh this year?**

**28.** Match the number to how you would say it.

1. 1.3 one and three tenths
2. 1.03 thirteen hundredths
3. 1.30 one and thirty hundredths
4. 0.13 one and three hundredths