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دولة الامارات العربية المتحدة
مدرسة الوردية الخاصة / حلوان
المرخصة من وزارة التربية والتعليم
تحت رقم (50)

Our Vision: Innovative education for a knowledge, pioneering, and global

SUB: MATHEMATICS   2018 - 2019

TERM-2- WORKSHEET

UNIT- 2(L1, 2 &3)

Name : …………………...…..…   Roll no. : ……….…   Grade: 6 Sec: _____   Date : _____

Q1.

A. Circle the correct answer.

1) **(2 / 11 / 10)** is the smallest two-digit prime number.

2) 12 is a **(factor / multiple)** of 6.

3) **(Positive / Negative)** numbers are less than zero.

4) There are **(2 / 3)** prime numbers between 70 and 80.

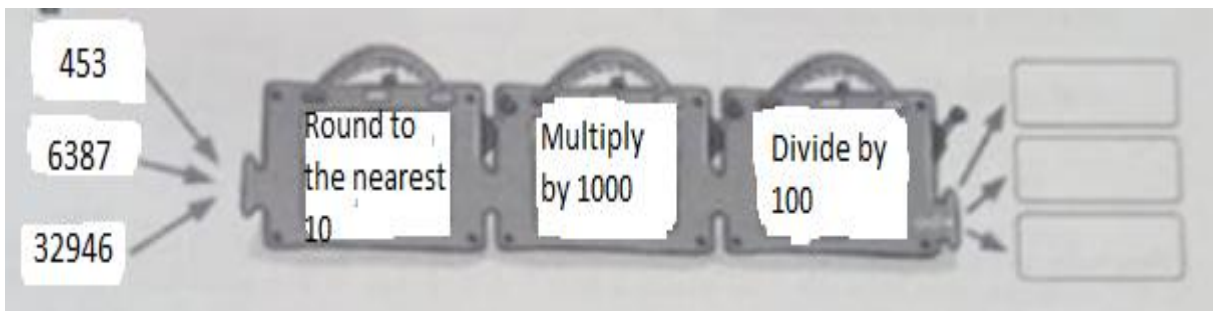5) The highest factor of every number is **(1/ itself)**

B. Compare the numbers. Use the correct symbol, >, < or =.

1) 5739 _____   5397   5) 5 ____ - 5

2) 12 _____ -106   6) -32 ____ -30

3) -32 _____ -15   7) 0 ____ 3

4) 7 _____ - 8   8) -16 ____ 0

C. Round the following to the given place value.

1) 82,695 (to the nearest thousands) = _____

2) 9,483 (to the nearest tens) = _____

3) 5,745 (to the nearest hundreds) = _____

4) 16, 589 (to the nearest tens) = _____

5) 3,963 (to the nearest hundreds) = _____

D. Find the output for each input.

Q2.

A. Use the number line to answer question 1 & 2. Count on and back in the steps shown. Write the next number in the sequence.

1) 12, 8, 4, _____, _____, _____, _____, _____

2) -20, -17, -14, _____, _____, _____, _____, _____

3) 30, 21, 12, _____, _____, _____, _____, _____

4) – 2, - 8, - 14, ____, ____, _____, _____, _____

5) – 48, - 33, - 18, ____, ____, ____, ____, ____

B. Order the following temperatures from coldest to warmest.

1) -4°C, 3°C, -9°C, 0°C, -7°C   = ____, ____, ____, ____, _____

2) 15°C, -23°C, -6°C, 13°C, - 15°C = ____, ____, ____, ____, _____

3) -10°C, 12°C, -3°C, 5°C, -22°C = ____, ____, ____, ____, _____

C. List the first 8 multiples of 4 and 6. Then circle their common multiples.

4: _____

6: _____

D. List all the factors of the following numbers:

1) 48=	2) 72 =

E. List all the prime numbers between 20 and 40.

Q3. **Do as directed.**

A) Is 41 a prime number or composite number? Explain your answer in a complete sentence.

B) Write 2-digit prime number as many as you can using the digit, 3, 1 and 5.

C) The temperature rises by 13 degrees from -4°C. What is the new temperature?

D) The temperature was 7°C. It falls by 5 degrees. What is the temperature now?

E) What is the difference in temperature between -4°C and 12°C?

F) The temperature is -5°C. How much must it rise to reach 3°C?

Q.4 HOT.

A) Show how 12 is both a multiple of 4 and a factor of 48. Use words, drawings or symbols to explain your answer.

B) The rules for a Math competition state that for every incorrect answer the team will lose 5 points. Team A has already 9 points but gets 3 questions wrong. Team B has 6 points but then gets 2 questions wrong. Both teams have now negative scores. What are the scores?