HCS Math Spiral 2016-17 KEY

Learning Period 1

August 15 - September 30

8/15 Which decimal is greater?

1.) 7.9, 8.1 **8.1**

2.) 0.5, .062 **0.5**

3.) 6.75, 6.71 **6.75**

8/16 Order the decimals from least to greatest.

1.) 0.33, 3.1, 0.3 **0.3, 0.33, 3.1**

2.) 24.95, 23.9, 24.5 **23.9, 24.5, 24.95**

3.) 7.5, 6.95, 7.58 **6.95, 7.5, 7.58**

8/17 Compare each decimal with <, > or =.

1.) 99.9 **>** 99

2.) 8.01 **>** 8.001

3.) 40.900 **=** 40.9

8/18

1.) The 2012 London Olympic 100-meter dash had a viewing audience of 49.1 million viewers. The same event in Beijing in 2008 had 48.6 million viewers and in Athens in 2004 there were 49 million viewers. Which 100-meter dash had the most viewers?
2012 London Olympics

2.) Find a missing digit that makes 23.___6 > 23.56 true. **6,7,8 or 9**

8/19

1.) Create a number line and place 1.25 in the proper place.

2.) Find a missing digit that makes 16.26 > 16.2__ true. **0,1,2,3,4, or 5**

8/22 Order the list of numbers on a number line.

1.) 1.67, 0.53, 2.1, 1 **0.53, 1, 1.67, 2.1**

2.) $\frac{1}{5}, \frac{4}{5}, 1, \frac{2}{5}$ **$\left(\frac{1}{5}, \frac{2}{5}, \frac{4}{5}, 1\right)$**

3.) 4.9, 0.2, 1.998, 2.679 **0.2, 1.998, 2.679, 4.9**

8/23 Find the sum.

1.) 2.16 + 1.30 = **3.46**

2.) $16.25 + $5.08 = **$21.33**

3.) 4/9 + 1/9 = **5/9**

8/24 Find the sum.

1.) 1.6 + 0.89 **2.49**

2.) 3.12 + 6.4 **9.52**

3.) $317.26 + $110.99 **$428.25**

8/25

1.) Sam wants to buy a notebook for $1.25 and a calculator for $9.99. How much will he pay for both of them without tax? **$11.24**

2.) Trisha has $2.35 to spend on lunch and her friend Kelly has $1.90 to spend on lunch, how much do they have together? **$4.25**

8/26 Find the difference.

1.) 22.369 − 5.126 = **17.243**

2.) 5.7 − 0.29 = **5.41**

3.) 670.119 − 15.261 = **654.858**

8/29 Order the numbers on a number line.

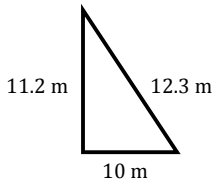
1.) $2\frac{1}{2}, 1, \frac{1}{2}, 3\frac{1}{2}$ **$\left(\frac{1}{2}, 1, 2\frac{1}{2}, 3\frac{1}{2}\right)$**

2.) $\frac{1}{6}, \frac{1}{3}, \frac{1}{4}, \frac{1}{2}$ **$\left(\frac{1}{6}, \frac{1}{4}, \frac{1}{3}, \frac{1}{2}\right)$**

3.) $4.25, 3\frac{1}{2}, 4, 2\frac{3}{4}$ **$\left(2\frac{3}{4}, 3\frac{1}{2}, 4, 4.25\right)$**

8/30

1.) Find the perimeter: **33.5m**

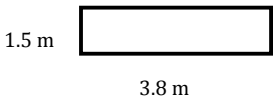


2.) 6.291 − 4.320 = **1.971**

3.) Order from least to greatest: 2, -3, 5, 0, -9 **-9, -3, 0, 2, 5**

8/31

1.) Find the perimeter: **10.6m**



2.) 7,211 x 3 = **21,633**

3.) 3,926 x 52 = **204,152**

9/1 Find the product.

1.) 9 x 1,260 = **11,340**

2.) 21 x 2,396 = **50,316**

3.) 2 x 189,260 = **378,520**

9/2 Solve.

1.) 156.29 + 26.213 = **182.503**

2.) 49.2 – 26.8 = **22.4**

3.) 12 x 79 = **948**

9/6 Find the missing number that makes the statement true.

1.) 627 x 3 = 3 x _____ **627**

2.) 962 x _____= 962 **1**

3.) 4 x 6 x _____ = 24 **1**

9/7

1.) Jackson had a piece of rope that was 9.25m long and he cut off 2.6m. How long is his remaining piece of rope? **6.65m**

2.) 39.06 x 0.3 **11.718**

3.) Sally can run 7.5 miles in one hour, how far can Sally run in 2 hours? **15 miles**

9/8

1.) Order numbers on a number line: $-6, 1\frac{3}{4}, \frac{1}{3}, -2, 2, 1.6$

$\left(-6, -2, \frac{1}{3}, 1.6, 1\frac{3}{4}, 2\right)$

2.) 6.5 x 3
19.5

3.) 3.05 x 5
15.25

9/9 Find the product.

1.) 0.8 x 3
2.4

2.) 6.3 x 100
630

3.) $54.67 x 10
$546.70

9/12

1.) 969.76
115.45
+ 58.37
1,143.58

2.) 623.1
- 42.9
580.2

3.) 2.3 x _____ = 2,300
1000

9/13 Find the product.

1.) 0.9
x 0.3
0.27

2.) 4.3
x 2.5
10.75

3.) 12.79
x 3.7
47.323

9/14

1.) If you multiply 7.29 x 3.2, how many decimal places will there be in the product? **3**

2.) 310 x 2.4
744

3.) 12.4 x 1.63
20.212

9/15 Solve.

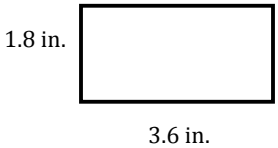
1.) 17.63 + 8.179
25.809

2.) 3.6 x 0.2
0.72

3.) 3.09 x 4.1
12.669

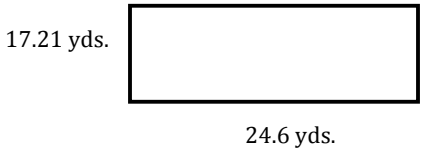
9/16

1.) Find the area: **6.48in.^{2}**



2.) 1.23 - 0.66
0.57

3.) Find the perimeter: **83.62 yds.**



9/19 Find the quotient.

1.) 24 ÷ 4

6

2.) $3\overline{)24}$

8

3.) 30 ÷ 6

5

9/20

1.) $\frac{3}{8}+\frac{2}{8}$ **=** $\frac{5}{8}$

2.) $12\overline{)84}$

7

3.) 84 ÷ ____ = 12

7

9/21

1.) $2\overline{)35}$

17R1 or 17.5

2.) 17 x 2

34

3.) $7\overline{)112}$

16

9/22

1.) $5\overline{)4{,}250}$

850

2.) $3\overline{)71}$

23R2 or 23.67

3.) $4\overline{)110}$

27R2 or 27.5

9/23

1.) 0.567 – 0.448

0.119

2.) 49.6 x 3.21

159.216

3.) 285 ÷ 6

47R3 or 47.5

9/26

1.) 465.3 x 8.6

4,001.58

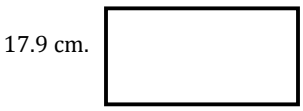
2.) 26.2 x 10 = **262**

26.2 x 100 = **2,620**

26.2 x 1000 = **26,200**

9/27

1.) Find the perimeter:



85.32 cm.

2.) 4.3 + 0.98 **5.28**

3.) Find the area:

32.2 ft.^{2}

9/38

1.) $\frac{6}{7}+\frac{1}{7}$ **=** $\frac{7}{7}$ **= 1**

2.) $11\overline{)154}$

14

3.) 154 ÷ ____ = 11

14

9/29 Find the product.

1.) 0.7
x 0.9
0.63

2.) 8.2
x 6.7
54.94

3.) 23.56
x 4.3
101.308

9/30 Find the missing number that makes the statement true.

1.) 8 x _____ x 7 = 56

1

2.) 831 x _____= 831

1

3.) 7 x 179 = _____ x 7

179