−1=95 −2=90 −3=85 −4=80 −5=75 −6=70 −7=65

−8=60

+8=55

Name: KEY : 10.28

"Homework:"4th Grade Weekly Spiral Review (10.28.2019)

For credit, please use CUBES and show all of your work.
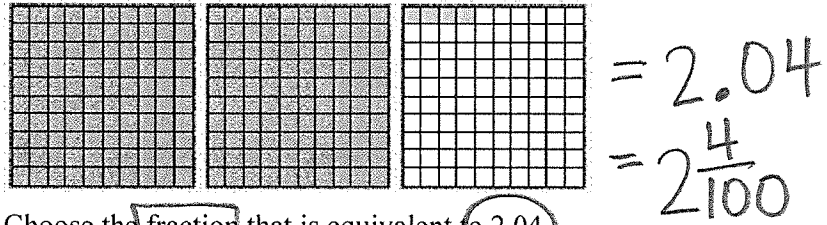
↓↓ 92/100 ⟹ 0.92

1. Emmylou answered 92 out of 100 questions correctly on her multiplication test. What decimal represents how many questions Emmylou did not answer correctly on her multiplication test? Mark your answer.

A. 0.92 right

B. 0.092

C. 0.08 wrong

D. 0.192

⬤ C.

9̸ 8̸ 10̸ 0̸
− 92 correct
8 wrong = 8/100

= 08
  ___
  100

2. Mason made this model to represent 2.04.

= 2.04

= 2 4/100

Choose the fraction that is equivalent to 2.04.

X 2 4/10 = 2 40/100

X 2 1/4

⬤ 2 4/100 ← H.

X 2 2/100

3. The model below shows 15/100 shaded.
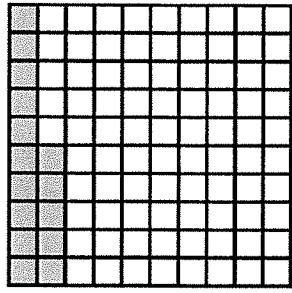
$= 0.15 = \dfrac{15}{100}$

Which decimal is equivalent to $\dfrac{15}{100}$? $= 0.15$

A.   1.15 $\dfrac{15}{100}$

B.   1.5 $\dfrac{15}{10}$

C.   0.015 $\dfrac{5}{1000}$

D.   0.15

4.   The model below is shaded to represent the part of two cakes eaten at a party.

$\dfrac{7}{10} = 1.7$

$= 1.70$
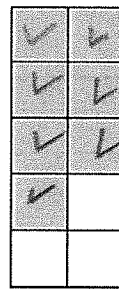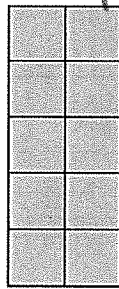
$= 1\dfrac{7}{100}$

Which fraction and decimal represent the part of these cakes eaten at the party?

F. $\dfrac{17}{20}$ and 0.17

G. $1\dfrac{7}{10}$ and 1.7 ✓

H. $1\dfrac{7}{20}$ and 1.7

J. $1\dfrac{7}{10}$ and 1.07
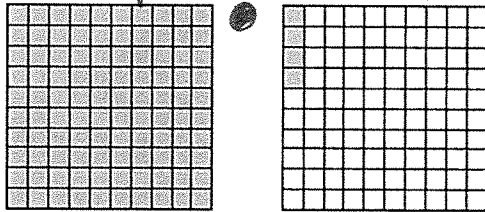
5.

The model below is shaded to represent $1\frac{4}{100}$.

(handwritten: $1\frac{4}{100}$, $4/100 = 1.04$)

Which decimal does the model represent?

A. 1.04 $= 1\frac{4}{100}$

B. 1.4 $= 1\frac{4}{10}$

C. 14.0 *(handwritten: 14 wholes)*

D. 1.004 $= 1\frac{4}{1000}$

(handwritten: A.)

6. There were 1,682,052 plants in the 4 greenhouses. How would you write this number in words?

F. one million six eight two and fifty two

G. one million six hundred eighty-two and fifty-two

H. one million, six hundred eighty-two thousand, fifty-two

J. one million, six hundred eighty-two and zero fifty-two

(handwritten: one million, six hundred eighty-two thousand, fifty-two   H.)

7. Gemstone Publishing sold two million, four hundred seventy-one thousand, six hundred nineteen books last year. How is that number written in standard form? Mark your answer.

A. 2,471,619

B. 200,471,609

C. 2,471,609

D. 2,400,716

(handwritten: 2,471,619   A.)

8. A peach farmer was comparing the number of peaches that had been picked over the last 4 seasons. The first season there were 498,423,516 peaches picked. The second season there were 489,423,561 peaches picked. The third season there were 488,574,216 peaches picked. The fourth season there were 488,574,621 peaches picked. What was the smallest number of peaches picked in a season?

F. 498,423,516

G. 489,423,561

H. 488,574,216

J. 488,574,621

(handwritten: biggest 498,423,516 ① biggest
489,423,561 ②
smallest 488,574,216 ④ smallest   H.
488,574,621 ③)

9. Jerry wrote seven thousand, two hundred nine. What is Jerry's number in standard form?

(handwritten: 7,209)

Mark your answer.

A. 7,209 ✓
B. 7,290
C. 729
D. 7,229

10. At a hockey game, there were 86,324 fans. What is 86,324 rounded to the nearest thousand? Mark your answer.

F. 90,000
G. 80,000
H. 86,000
J. 87,000

$$86,324$$
$$= 86,000$$

11. Nate had to buy a gag gift for the party. The gift had to follow the rules set up by the teacher. One rule was Nate could not spend more than $25.75 and the other was he could not spend less than $25.15. How much money could he spend?

A. $25.24 ✓
B. $25.76
C. $25.10
D. $25.14

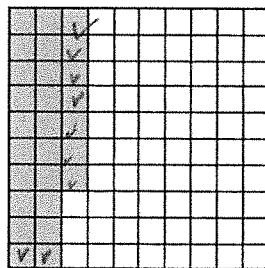more than $25.75 ? < 25.75
less than $25.15 ? > 25.15

12. What is 4,567 rounded to the nearest ten?

F. 4,560
G. 4,570
H. 4,000
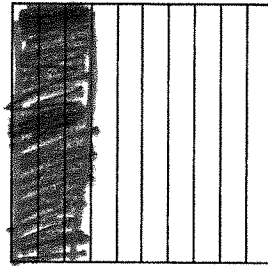J. 4,600

$$4,567$$
$$= 4,570$$

13. The model below is shaded to represent a decimal.

$$= 0.27$$
$$= \frac{27}{100}$$

This unshaded model can be shaded to represent a decimal greater than the decimal shown above.
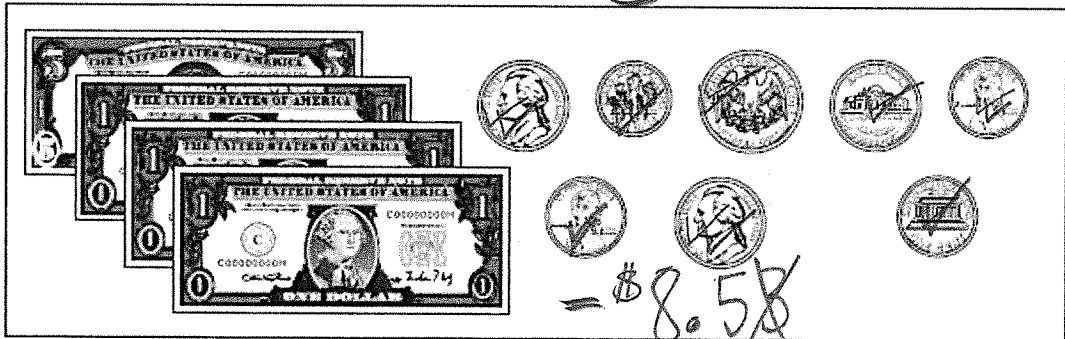
Which statement is true?

A. 0.73 > 0.8 F b/c 0.7 is less than 0.8
B. 0.27 > 0.6 F b/c 0.2 is less than 0.6
C. 0.27 = 0.2 F b/c 0.07 is greater than 0.00
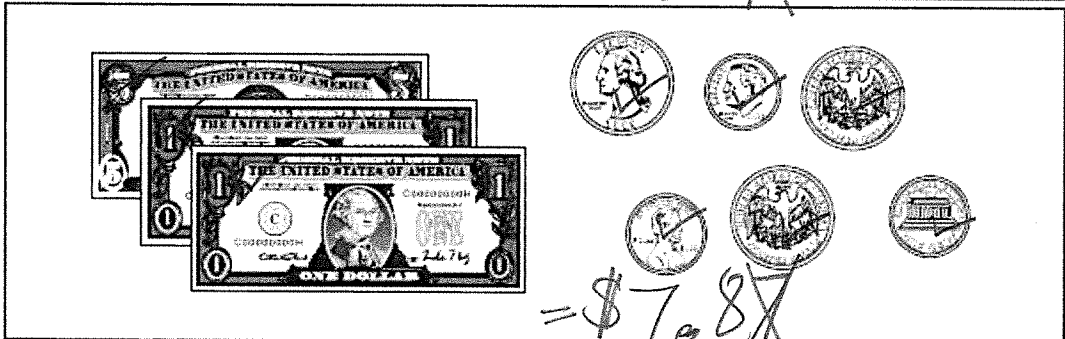D. 0.27 < 0.3 T b/c 0.2 is less than 0.3

14. Each picture below represents a different amount of money. In which amount of money does the digit 8 represent eight cents? $0.08
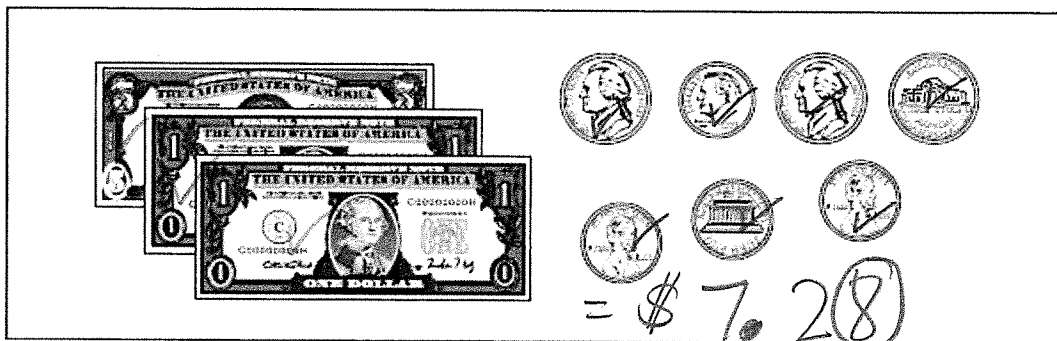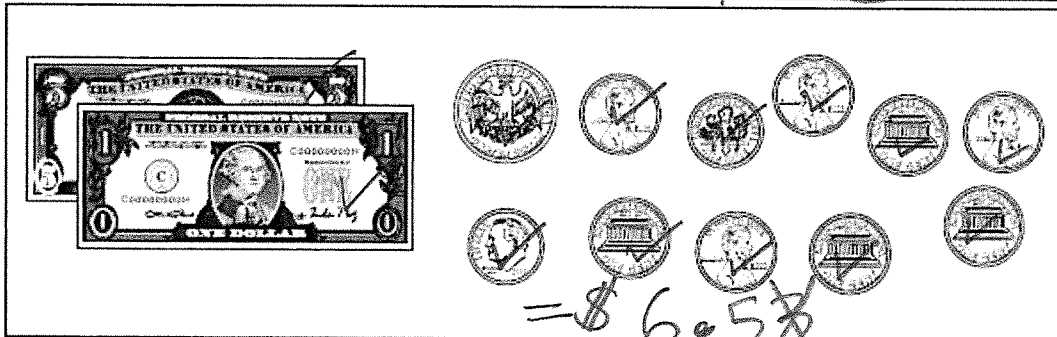
F.

= $8.58

G.

= $7.87

H.

= $ 7.28

J.

= $ 6.57

15. Mrs. Smith put the following numbers on the board: 12,576 and 15,234. How does the 5 in 12,576 compare to the 5 in 15,234?

A. It is 10 times larger.
B. It is one-tenth as large. ✓
C. It is 100 times larger.
D. It has the same value.

B.

12,576 vs 15,234
⇓   ⇓
500 to ↗ 5,000

16. Mr. Rodriguez has driven his car 113,103 miles since he bought it. How is this number written in words?

F. One hundred thousand, thirteen
G. One hundred, ten thousand, one hundred three
H. One hundred thirteen thousand, one hundred three
J. One hundred three thousand, one hundred three

⇓ one hundred thirteen thousand, one hundred three

H.

17. Which numeral means the same as 800,000 + 70,000 + 500 + 40 + 3?

A. 87,543
B. 807,543
C. 870,543 ✓

C.

870,543

800,000
70,000
500
40
+ 3
‾‾‾‾‾‾‾
870,543

D. ~~1,875,403~~

18. Global Communications has 498,263,175 customers. What is the value of the digit 9 in 498,263,175? Mark your answer.

~~F.~~ 90,000,000 ✓
G. ~~9,000,000~~
H. ~~90,000~~
J. ~~900,000,000~~

498,263,175

90,000,000

$\boxed{F.}$

= 400,000,000 + 90,000,000 + 8,000,000 + 200,000 + 60,000 + 3,000 + 100 + 70 + 5

19. Which number does not round to 400 when rounded to the nearest 100?

A. ~~365~~ = 400
B. ~~431~~ = 500 ✓
C. ~~428~~ = 400
D. ~~409~~ = 400

$\boxed{B.}$

20. In the number 5.20, what digit is in the hundredths place?

F. 5
G. 0
H. 2
J. none of these

tenths

5.20 → hundredths

ones

$\boxed{G.}$