

Dear Families,

Our upcoming **Unit 7 Math Test is planned for this Thursday, April 13.** Attached is the review and answer key. This is not required homework, but may be used in preparation for the test. If you have any questions please let me know.

Thank you,

Shalynn Weeden

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616-878-6381

Fill in the circle for the correct answer.

1. The table shows a spice blend Katrina is making. Which spice amount is less than  $1\frac{1}{2}$  teaspoons?

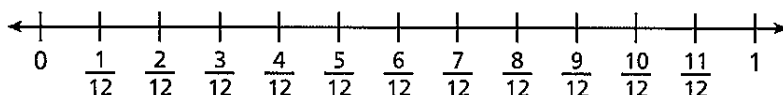
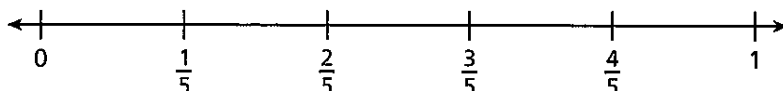
Spice Blend	
Spice	Teaspoons
Garlic	$1\frac{3}{8}$
Cumin	$1\frac{3}{4}$
Turmeric	$1\frac{2}{3}$
Chili pepper	$1\frac{7}{8}$

- (A) garlic                                      (C) turmeric  
(B) cumin                                        (D) chili pepper

2. In a package of 100 balloons,  $\frac{6}{10}$  are red and  $\frac{4}{10}$  are blue. Which shows the fraction of red balloons written with a denominator of 100?

- (F)  $\frac{4}{100}$             (G)  $\frac{6}{100}$             (H)  $\frac{40}{100}$             (K)  $\frac{60}{100}$

3. Jin uses the number lines to compare fractions. Which comparison is true?



- (A)  $\frac{1}{5} < \frac{2}{12}$                                       (C)  $\frac{3}{5} > \frac{7}{12}$   
(B)  $\frac{2}{5} > \frac{5}{12}$                                       (D)  $\frac{4}{5} < \frac{9}{12}$

4. Katie walked 0.9 mile to a soccer field. Which shows 0.9 written as a fraction?

- (F)  $\frac{9}{10}$             (G)  $\frac{1}{9}$             (H)  $\frac{9}{100}$             (K)  $\frac{1}{90}$

5. Paige measures her plant to be  $\frac{22}{100}$  meter tall. Which is the plant's height written as a decimal?

- (A) 0.02 meter                                      (C) 0.20 meter  
(B) 0.022 meter                                      (D) 0.22 meter

6. A trail is  $\frac{7}{12}$  mile long. Which trail length is shorter than  $\frac{7}{12}$  mile?

- (F)  $\frac{3}{8}$  mile    (G)  $\frac{5}{6}$  mile    (H)  $\frac{3}{4}$  mile    (K)  $\frac{2}{3}$  mile

Which shows the fraction in simplest form?

7.  $\frac{8}{12}$

- (A)  $\frac{32}{48}$     (C)  $\frac{4}{6}$   
(B)  $\frac{16}{24}$     (D)  $\frac{2}{3}$

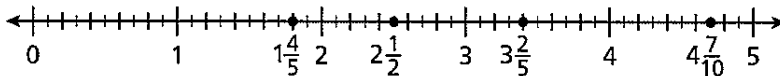
8.  $\frac{12}{30}$

- (F)  $\frac{2}{20}$     (H)  $\frac{2}{5}$   
(G)  $\frac{6}{15}$     (K)  $\frac{1}{3}$

9. Which fraction is not equivalent to  $\frac{1}{8}$ ?

- (A)  $\frac{3}{24}$     (C)  $\frac{8}{48}$   
(B)  $\frac{5}{40}$     (D)  $\frac{9}{72}$

10. Which fraction on the number line is closest to 3?



- (F)  $1\frac{4}{5}$     (G)  $2\frac{1}{2}$     (H)  $3\frac{2}{5}$     (K)  $4\frac{7}{10}$

Which is the number written in decimal form?

11. ninety-six hundredths

- (A) 0.096    (C) 0.96  
(B) 0.906    (D) 9.06

12.  $3\frac{1}{10}$

- (F) 3.1    (H) 0.31  
(G) 3.01    (K) 0.3

13.  $10\frac{1}{100}$

- (A) 11.10    (C) 10.10  
(B) 11.01    (D) 10.01

14. eighty and forty hundredths

- (F) 8.04    (H) 80.04  
(G) 8.40    (K) 80.40

15. Which statement is true?

- (A)  $\frac{3}{8} > \frac{9}{16}$       (C)  $\frac{3}{8} = \frac{12}{16}$   
 (B)  $\frac{3}{8} > \frac{4}{16}$       (D)  $\frac{3}{8} < \frac{6}{16}$

16. Which statement is true?

- (F)  $\frac{4}{5} > \frac{18}{20}$       (H)  $\frac{4}{5} = \frac{16}{20}$   
 (G)  $\frac{4}{5} < \frac{12}{20}$       (K)  $\frac{4}{5} < \frac{14}{20}$

17. Which statement is true?

- (A)  $0.3 = 0.3$       (C)  $0.3 > 0.32$   
 (B)  $0.3 < 0.03$       (D)  $0.3 < 0.23$

18. Which statement is true?

- (E)  $0.9 > 0.9$       (H)  $0.9 < 0.88$   
 (G)  $0.9 = 0.09$       (K)  $0.9 > 0.89$

19. Which statement is true?

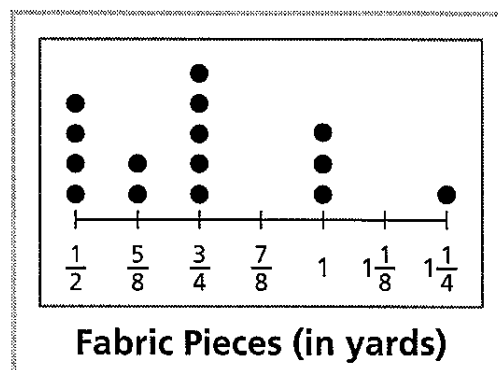
- (A)  $1.05 < 1.0$       (C)  $1.05 < 1.50$   
 (B)  $1.05 > 1.2$       (D)  $1.05 > 1.25$

20. Which statement is true?

- (F)  $30.2 < 3.5$       (H)  $30.2 < 3.25$   
 (G)  $30.2 > 3.02$       (K)  $30.2 = 3.2$

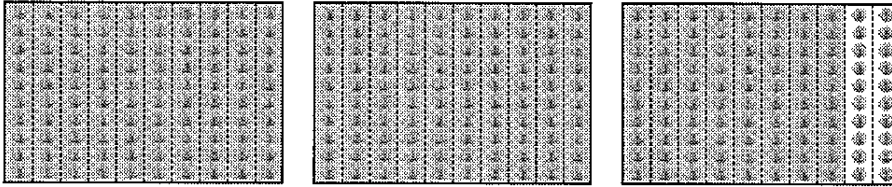
Solve.

21. Riley bought some pieces of fabric to make patchwork bench covers. The line plot shows the sizes of the fabric pieces. Which general statement about the data is true?



- (A) Most of the fabric pieces are longer than  $\frac{3}{4}$  yard.      (C) Most of the fabric pieces are longer than  $\frac{7}{8}$  yard.  
 (B) Most of the fabric pieces are shorter than  $\frac{7}{8}$  yard.      (D) Most of the fabric pieces are shorter than  $\frac{3}{4}$  yard.

22. The shaded part of the model represents the number of pennies in Li Ming's collection. Which shows the number of pennies written as a fraction and as a decimal?



- Ⓕ  $2\frac{8}{10}$  or  $2\frac{80}{100}$ ; 2.8 or 2.80      Ⓗ  $2\frac{2}{10}$  or  $2\frac{20}{100}$ ; 2.2 or 2.20
- Ⓖ  $2\frac{8}{10}$  or  $2\frac{8}{100}$ ; 2.8 or 2.08      Ⓚ  $2\frac{2}{10}$  or  $2\frac{2}{100}$ ; 2.2 or 2.02
23. A full roll of stamps has 100 stamps. Manuel has one full roll and one roll with 4 stamps. Which decimal number represents the number of rolls of stamps Manuel has?
- Ⓐ 0.04      Ⓑ 0.40      Ⓒ 1.04      Ⓓ 1.40
24. A forest ranger saw 10 deer. There were 2 male and 8 female deer. Which decimal number shows the fraction of deer that were female?
- Ⓕ 0.08      Ⓖ 0.02      Ⓗ 0.2      Ⓚ 0.8
25. Farid measures the masses of four textbooks in kilograms. He records the data in the table.

Masses of Books	
Book	Mass (kg)
1	1.12
2	1.20
3	1.02
4	1.2

Which is a true statement about the masses of the four books?

- Ⓐ All four books have the same mass.
- Ⓑ Books 1 and 3 have the same mass.
- Ⓒ Books 1 and 4 have the same mass.
- Ⓓ Books 2 and 4 have the same mass.

Fill in the circle for the correct answer.

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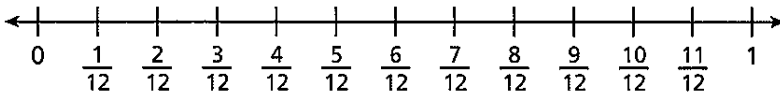
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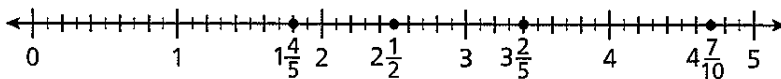
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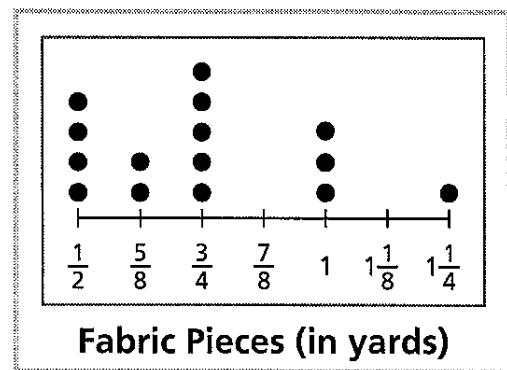
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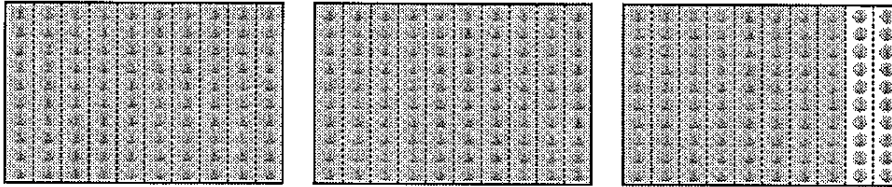
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 (C) Most of the fabric pieces are longer than  $\frac{7}{8}$  yard.  
 (D) Most of the fabric pieces are shorter than  $\frac{3}{4}$  yard.



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  $2\frac{8}{10}$  or  $2\frac{8}{100}$ ; 2.8 or 2.08        $2\frac{2}{10}$  or  $2\frac{2}{100}$ ; 2.2 or 2.02

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