Name: 67 Class: Math Date: 1-5-20

ID: A

Ch 3 Test

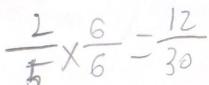
- 1. Add the fractions.

$$\frac{2}{5} + \frac{1}{6}$$

$$A = \frac{1}{15}$$

B.
$$\frac{3}{11}$$

$$(D.)^{\frac{17}{30}}$$



s.
$$\frac{2}{5} \times \frac{6}{6} = \frac{12}{30}$$
 $\frac{27}{30}$ $\frac{21}{5} \times \frac{5}{6} = \frac{5}{30}$ $\frac{1}{6} \times \frac{5}{7} = \frac{5}{30}$



2. Use benchmarks to estimate the difference between $\frac{5}{6}$ and $\frac{3}{5}$.



$$\left(B. \right)^{\frac{1}{2}}$$

$$(\widehat{D}.)^{1\frac{1}{2}}$$

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D

3. Which is 28 ÷ 12 expressed as a mixed number?

A. 1

28 = 2¹/₁₂ = 2⁻/₃

B. $1\frac{4}{12}$

C. $2\frac{1}{3}$

(D.) $2\frac{4}{12}$

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 $-2\sqrt{4}$. Express $\frac{17}{25}$ as a decimal. $0.17 \frac{17}{25} = 0.17$

 $0 - \frac{15}{5}$. Express 22 ÷ 5 as a decimal. $\frac{1}{5}$, $\frac{2}{5} = \frac{1}{5} = \frac{1}{5}$

6. Add $2\frac{1}{5}$ and $7\frac{2}{7}$. Which is the sum in simplest form?

A. $9\frac{1}{4}$

B. $10\frac{27}{35}$

5 X 7= 35

C. $9\frac{17}{35}$

D. $10\frac{27}{35}$

2 X = 35

2+7=9 9+10 +2 -917 35

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7. Subtract $4\frac{2}{3}$ from $9\frac{7}{8}$. Which is the difference in simplest form?

A.
$$2\frac{17}{24}$$

B.
$$4\frac{5}{24}$$

C.
$$5\frac{1}{5}$$

8. Use benchmarks to estimate the sum of $4\frac{7}{12}$ and $6\frac{1}{4}$.

A. 10

$$\widehat{(B.)}$$
 $10\frac{1}{2}$

D.
$$11\frac{1}{2}$$

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9. Estimate the difference between $27\frac{2}{3}$ and $19\frac{3}{4}$.

$$\frac{1}{4}$$

C. $8\frac{1}{2}$

D. 9

$$\frac{2}{3} - \frac{1}{2}$$

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 $\frac{1}{5}$ 10. A bean plant was $\frac{2}{3}$ meter tall last week. It grew $\frac{1}{5}$ meter taller this week. How tall is it now?

A.
$$\frac{3}{8}$$
 meter

 $\frac{13}{B.}$ meter

 $C. \frac{7}{15}$ meter

D. $\frac{1}{5}$ meter

11. Mrs. Fisher mixed 8 kilogram of flour with 3 kilogram of water to make some dough. What is the approximate mass of the dough?



12. A team of construction workers mixed $10^{\frac{1}{2}}$ tons of cement. They used $7\frac{5}{6}$ tons of cement to pave some pathways. How much cement is left?

A. $2\frac{1}{3}$ tons

1.0 3-75-24-23

C. $3\frac{1}{3}$ tons

D. $3\frac{2}{3}$ tons

- 13. Use benchmarks to estimate the sum of $\frac{3}{5}$ and $\frac{5}{6}$

B. 1

D. 2

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C

14. Use benchmarks to estimate the difference of $\frac{5}{8}$ and $\frac{3}{5}$



(A.) 0



1 (5

D.
$$1\frac{1}{2}$$

5 - 1

B

15. What is 0.35 as a fraction?



(B.)
$$\frac{35}{50}$$

$$C$$
. $\frac{7}{20}$

D.
$$\frac{14}{50}$$

$$0.35 = \frac{35}{50}$$

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16. Express 37 ÷ 10 as a mixed number and a decimal.

(A.)
$$3\frac{7}{10}$$
 and 3.7

A.
$$3\frac{7}{10}$$
 and 3.7

B. $3\frac{17}{100}$ and 3.07

B.
$$3\frac{17}{100}$$
 and 3.07

$$C = 37\frac{1}{10}$$
 and 37.1

C.
$$37\frac{1}{10}$$
 and 37.1 $3\frac{7}{10} = 3.7$

D.
$$\frac{10}{37}$$
 and 0.37

17. Randy read a story for English over three days. He spent $1\frac{1}{3}$ hours, $2\frac{1}{4}$ hours, and $1\frac{4}{5}$ hours reading on these days. What is the best estimate of the time it took him to read the story?



A.
$$4\frac{1}{2}$$
 hours

$$(B.)$$
 $5\frac{1}{2}$ hours

C.
$$6\frac{1}{2}$$
 hours