

1. Seth played a video game for $\frac{1}{12}$ of an hour and spent $\frac{5}{12}$ of an hour helping his mom in the garden. Which of the following can be used to find how much total time Seth spent on both activities? (11-1)

- A Write $\frac{1+5}{12+12}$ to get $\frac{6}{24}$.
Simplify to get $\frac{1}{4}$.
- B Write $\frac{1+5}{12+12}$ to get $\frac{6}{24}$.
Simplify to get $\frac{1}{6}$.
- C Write $\frac{1 \times 5}{12}$ to get $\frac{5}{12}$.
- D Write $\frac{1+5}{12}$ to get $\frac{6}{12}$.
Simplify to get $\frac{1}{2}$.

2. Rick made a clay model of himself that was $11\frac{1}{2}$ inches tall. Bella made a similar model of herself that was $8\frac{3}{4}$ inches tall. How much taller was Rick's model than Bella's? (11-6)

- A $2\frac{1}{4}$ inches
- B $2\frac{3}{4}$ inches
- C $3\frac{1}{4}$ inches
- D $3\frac{3}{4}$ inches

3. What is $6\frac{1}{4} + 5\frac{1}{5}$? (11-5)

- A $11\frac{1}{20}$
- B $11\frac{1}{9}$
- C $11\frac{2}{9}$
- D $11\frac{9}{20}$

4. Which of the following pairs of numbers has a least common multiple of 24? (11-2)

- A 4 and 8
- B 40 and 2
- C 6 and 8
- D 11 and 4

5. For a read aloud project, Nellie read $\frac{1}{3}$ of the assigned book and Georgia read an additional $\frac{1}{4}$ of the book. Together, what fraction of the book did they complete? (11-3)

- A $\frac{1}{2}$
- B $\frac{7}{12}$
- C $\frac{2}{3}$
- D $\frac{11}{12}$

6. The table lists the package sizes of doughnuts, muffins, and bagels for the monthly parent teacher conference. What is the least number of doughnuts and muffins Principal Meder needs to buy to have equal numbers of both? (11-2)

Item	Number in Package
Doughnuts	20
Bagels	12
Muffins	8

- A 28
- B 40
- C 60
- D 80

7. For their pizza-making party, Ms. Sanford said that $\frac{5}{12}$ of the class would make the pizza dough, $\frac{5}{12}$ would make the sauce, and the rest would grate the cheese. What fraction of the class will make either the dough or the sauce? (11-1)

- A $\frac{5}{6}$
- B $\frac{3}{4}$
- C $\frac{2}{3}$
- D $\frac{1}{6}$

8. Piper and Stuart bought a foot-long hot dog to share. Piper ate $\frac{1}{6}$ of the hot dog and Stuart ate $\frac{1}{4}$ of it. How much more did Stuart eat than Piper? (11-4)

- A $\frac{1}{12}$ foot
- B $\frac{1}{10}$ foot
- C $\frac{1}{5}$ foot
- D $\frac{1}{2}$ foot

9. The table shows how long Maria practiced the flute over a period of days. If the pattern continues, how long will she practice on the fourth day? (11-7)

Day	Practice Time in Hours
1	$\frac{1}{3}$
2	$\frac{2}{3}$
3	1

- A $1\frac{1}{3}$ hours
- B $1\frac{2}{3}$ hours
- C 2 hours
- D $2\frac{1}{3}$ hours

- 10.** A stack of science books is $\frac{7}{9}$ of a yard tall. A stack of math books is $\frac{13}{18}$ of a yard tall. How much taller is the stack of science books than the stack of math books? (11-4)
- A** $\frac{1}{18}$ yard
B $\frac{1}{9}$ yard
C $\frac{2}{3}$ yard
D $1\frac{1}{2}$ yards
- 11.** In a pet store, $\frac{2}{3}$ of the puppies are black, $\frac{1}{6}$ of the puppies are white, and the rest are brown. What fraction of the puppies are either black or white? (11-3)
- A** $\frac{5}{6}$
B $\frac{3}{4}$
C $\frac{5}{8}$
D $\frac{1}{2}$
- 12.** The McBrides went on a 700-mile trip. On the first day they drove $6\frac{5}{6}$ hours and on the second day they drove $4\frac{3}{4}$ hours. How long did they drive during the first two days? (11-5)
- A** $10\frac{8}{10}$ hours
B $10\frac{7}{12}$ hours
C $11\frac{7}{12}$ hours
D $12\frac{7}{12}$ hours
- 13.** Barry has $2\frac{1}{2}$ yards of fabric but he needs $5\frac{3}{4}$ yards. How much more fabric does Barry need? (11-6)
- A** $3\frac{1}{2}$ yards
B $3\frac{1}{4}$ yards
C $3\frac{3}{4}$ yards
D $2\frac{3}{4}$ yards
- 14.** Which equals $\frac{8}{11} - \frac{3}{11}$? (11-1)
- A** $\frac{1}{11}$
B $\frac{4}{11}$
C $\frac{5}{11}$
D $\frac{6}{11}$