

4.NF.1 TestB Explain equivalent fractions

Multiple Choice

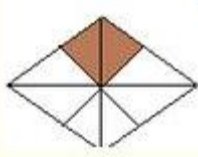
Identify the choice that best completes the statement or answers the question.

1.



Which figure below has the same fraction of its parts colored as the model above?

a.



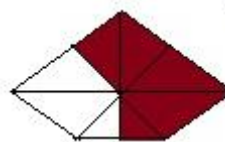
c.



b.



d.



Multiple Response

Identify one or more choices that best complete the statement or answer the question.

2. Mark any fraction below that is an equivalent fraction to $\frac{36}{48}$?

a. $\frac{3}{5}$

c. $\frac{18}{24}$

b. $\frac{3}{4}$

d. none of the above

3. Sam and Andy baked some brownies. They split them according to their age - Sam is 7 and Andy is 14. They cut the brownies in the pan into 21 pieces. Sam got 7 pieces and Andy got 14. What number below is equivalent to the total amount both Sam and Andy have between them?

a. 1

c. $\frac{7}{21}$

b. $\frac{14}{21}$

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

4. Maria and Sandoval love dolls. Maria has 5 and Sandavol has 20. Which fraction below shows the equivalent fraction that Maria has of the total number of dolls?

a. $\frac{1}{10}$

c. $\frac{1}{4}$

b. $\frac{1}{3}$

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

5. Which fraction below is equivalent to: $15/20$

- a. $3/4$
- b. $1/2$
- c. $14/19$
- d. $4/21$

6. 

Which fraction below is equivalent to the fraction of red exclamation points to the total above?

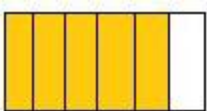
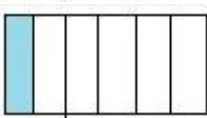
- a. $1/3$
- b. $1/2$
- c. $7/10$
- d. none

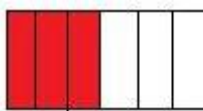
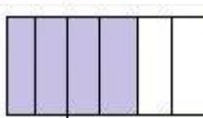
7.

- a. 75%
- b. $1\ 3/4$
- c. $14/20$
- d. $3/5$

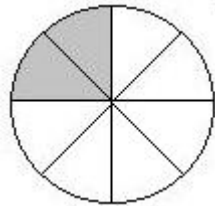
8. Which rectangle below has the same amount of colored area as the one above?



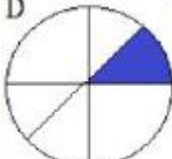
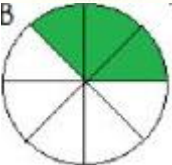
- a. 
- b. 

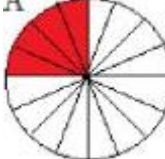
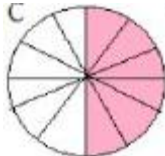
- c. 
- d. 

9.



Which circle below has the same amount of colored area as the one above?

- a. **D** 
- b. **B** 

- c. **A** 
- d. **C** 

10. Which fraction below is an equivalent fraction to $48/72$?

- a. $24/36$
- b. $6/9$
- c. $16/24$
- d. all of the above

Answer 1: D

Answer 2: B, C

Answer 3: A

Sam and Andy's total number of brownies is 21 - their combined ages. There were 21 pieces of brownie and they, together, have 21 pieces. $21/21 = 1$

Answer 4: D

The total number of dolls is 25. Maria has 5 dolls - $5/25 = 1/5$.

Answer 5: A

The total number of dolls is 25. Maria has 5 dolls - $5/25 = 1/5$.

Answer 6: B

Answer 7: C

Answer 8: D

Answer 9: C

Answer 10: D