Grade 6 test

Name: _____ Date: _____ Score: _____ / 18

Divide the fractions and simplify the result.

1. $\frac{7}{4} \div \frac{5}{9} = \frac{\square}{\square}$

2. $\frac{1}{6} \div \frac{3}{7} = \frac{\square}{\square}$

3. $\frac{25}{16} \div \frac{7}{16} = \frac{\square}{\square}$

4. $\frac{13}{7} \div \frac{2}{9} = \frac{\square}{\square}$

5. $\frac{28}{15} \div \frac{2}{9} = \frac{\square}{\square}$

Divide the fractions and simplify the result.

6. $3\frac{1}{3} \div \frac{3}{4} = \frac{\square}{\square}$

7. $6\frac{1}{4} \div 1\frac{9}{20} = \frac{\square}{\square}$

Multiply the fractions and simplify the result.

8. $\frac{11}{14} \times 4 = \frac{\square}{\square}$

9. $2 \times \frac{2}{3} = \frac{\square}{\square}$

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(10) $8 \times \frac{1}{18} = \frac{\square}{\square}$

Work out each answer and write it as a simplified fraction.

(11) $4\frac{13}{16} + 3\frac{1}{2} = \square\frac{\square}{\square}$

(12) $1\frac{9}{10} - 1\frac{7}{10} = \square\frac{\square}{\square}$

(13) $6\frac{1}{5} - 5\frac{2}{3} = \square\frac{\square}{\square}$

Read each problem, solve it and write the answer.

(14) Olivia has 63 trees to plant in the garden. Today Olivia plants 4/9 of them. How many trees does Olivia plant today?

Answer: _____

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15 Jack divides 24 pieces of cloth equally among 11 friends. How much does each friend get?

Answer: _____

16 In a club, 10 players are new, which is equal to 1/4 of all the players in the club. How many players are in the club?

Answer: _____

17 Ethan has read 4/15 of the book. What fraction of the book does Ethan still have to read?

Answer: _____

18 There is 11/15 of the chocolate bar on the table. Noah eats 7/12 of the chocolate bar. What fraction of the chocolate bar is left?

Answer: _____