



Surname: ..... Name: .....

Group: ..... Date: .....

Question	1	2	3	4	5	6	Total
Points	2	2	2	2	2	3	13
Grade							

- This test must be performed with a blue or black non-erasable pen.
- Cheating, talking, getting up from the chair or disturbing the rest of the class can be reasons for withdrawal from the test, which will be valued with a zero.
- All operations must appear, it is not enough to just indicate the result.

1. Calculate the following operations and simplify if possible:

(2 points)

(a)  $\frac{5}{12} \cdot \frac{9}{15} =$

(b)  $10 \cdot \frac{9}{15} =$

(c)  $\frac{5}{12} : \frac{4}{15} =$

(d)  $2 : \frac{5}{3} =$

2. Calculate the following operations and simplify if possible: (2 points)

(a)  $\frac{4}{11} + \frac{5}{11} - \frac{2}{11} =$

(b)  $3 + \frac{2}{5} =$

(c)  $\frac{7}{12} + \frac{2}{9} =$

(d)  $1 - \frac{9}{13} =$

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3. Calculate the following operations and simplify if possible: (2 points)

(a)  $\frac{3}{5} - \left(1 - \frac{7}{10}\right) =$

(b)  $\left(3 - \frac{5}{3}\right) \cdot \left(2 - \frac{7}{5}\right) =$

4. Sort the following fractions from highest to lowest: (2 points)

$$\frac{2}{3}; \frac{3}{8}; \frac{4}{6}; \frac{1}{2}$$

5. In a garden we have 20 red, 10 white and 15 yellow rose bushes. (2 points)

(a) What fraction does each color represent?

(b) If we have pruned red rose bushes, what fraction do we have left to prune?

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(b) Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aeque doleamus animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut postea variari voluptas distinguique possit, augeri amplificarique non possit. At etiam Athenis, ut e patre audiebam facete et urbane Stoicos iridente, statua est in quo a nobis philosophia defensa et collaudata est, cum id, quod maxime placeat, facere

(1 point)

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