



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?

6. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aequi doleamus animo, cum corpore dolemus, fieri.

(2 points)

(a) Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aequi doleamus animo, cum corpore dolemus, fieri tamen permagna accessio potest, si.

(b) Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aequi 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 distinguere possit, augeri amplificarique non possit. At etiam Athenis, ut e patre audiebam facete et urbane Stoicos irridente, statua est in quo a nobis philosophia defensa et collaudata est, cum id, quod maxime placeat, facere possimus, omnis voluptas assumenda est, omnis dolor repellendus. Temporibus autem quibusdam et aut officiis debitis aut rerum necessitatibus saepe eveniet, ut et voluptates repudiandae sint et molestiae non recusandae. Itaque earum rerum defuturum, quas natura non depravata desiderat. Et quem ad me.

(1 point)