Naam: _____   **Datum:** _____

Testnaam: Calculating with rational numbers
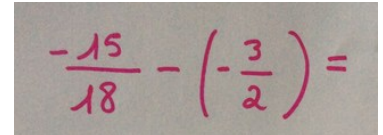
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1.   Calculate ? (note: if the answer is a fraction, enter like this 2/3, most simplified form!)

$$\frac{-15}{18} - \left(-\frac{3}{2}\right) =$$

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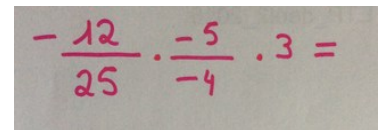
2.   Calculate ? (note: if the answer is a fraction, enter like this 2/3, most simplified form!)

$$-\frac{12}{25} \cdot \frac{-5}{-4} \cdot 3 =$$

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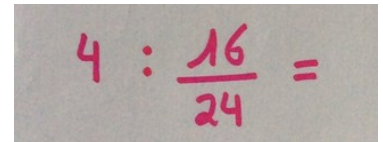
3.   Calculate ? (note: if the answer is a fraction, enter like this 2/3, most simplified form!)

$$4 : \frac{16}{24} =$$

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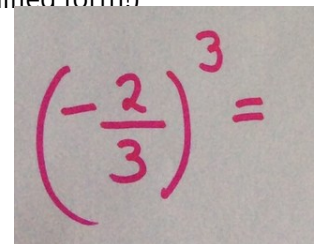
4.   Calculate ? (note: if the answer is a fraction, enter like this 2/3, most simplified form!)

$$\left(-\frac{2}{3}\right)^3 =$$

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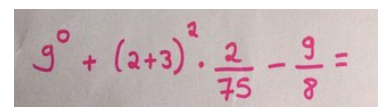
5.   Calculate ? (note: if the answer is a fraction, enter like this 2/3, most simplified form!)

$$9^0 + (2+3)^2 \cdot \frac{2}{75} - \frac{9}{8} =$$

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6.   Calculate ? (note: if the answer is a fraction, enter like this 2/3, most simplified form!)

$$\frac{-5}{12} - \frac{3}{4} = ?$$

7.   Calculate ? (note: if the answer is a fraction, enter like this 2/3, most simplified form!)

$$\frac{4 \cdot 3^3 \cdot \sqrt{25}}{6} = ?$$

8.   Calculate ? (note: if the answer is a fraction, enter like this 2/3, most simplified form!)

$$\frac{3}{2} - \left(\frac{3}{4}\right)^2 = ?$$

9.   Calculate ? (note: if the answer is a fraction, enter like this 2/3, most simplified form!)

$$\frac{\frac{3}{2} - \frac{1}{2} \cdot \left(\frac{3}{5} - \frac{1}{3}\right)}{-\frac{3}{4} + 1} = ?$$

10.   Calculate ? (note: if the answer is a fraction, enter like this 2/3, most simplified form!)

$$\frac{5}{2} : \frac{3}{7} = ?$$

11.   Calculate ? (note: if the answer is a fraction, enter like this 2/3, most simplified form!)

$$7^2 - 2^3 - 3^2 + \left(\frac{1}{4}\right)^{-1} = ?$$

12. Calculate ? (note: if the answer is a fraction, enter like this 2/3, most simplified form!)

$$\left(\frac{5}{2} - \frac{1}{3}\right) - \left(\frac{1}{5} + \frac{2}{3}\right) =$$

13. Calculate ? (note: if the answer is a fraction, enter like this 2/3, most simplified form!)

$$(2^2)^2 = ?$$

14. Calculate ? (note: if the answer is a fraction, enter like this 2/3, most simplified form!)

$$\frac{5}{6} - \left(\frac{3}{4} - 2\right) =$$

15. Calculate ? (note: if the answer is a fraction, enter like this 2/3, most simplified form!)

$$\frac{1}{2} + \frac{4}{3} - \frac{1}{5} =$$

16. Did you like this test? (each answer is correct!)

A   yes

B   maybe yes

C   maybe no

D   no