

4. Daļu reizināšana un dalīšana

(atbildes pārbaudes darbam)

1. variants

Sareizini vai izdali!

$$1. \quad \frac{x^2-4}{ab} \times \frac{a}{x+2} = \frac{x-2}{b}$$

$$2. \quad \frac{7y^3}{x^2-9} \times \frac{4x+12}{7y^3} = \frac{4}{x-3}$$

$$3. \quad \frac{3p-3}{5p+5} \div \frac{9-9p}{10+10p} = -\frac{2}{3}$$

$$4. \quad \frac{a^2+b^2}{a^2-b^2} \div \frac{3b^2+3a^2}{a+b} = \frac{1}{3a-3b}$$

$$5. \quad \frac{m^2}{mn-n^2} \div \frac{n}{m-n} \times \frac{1}{m^2} = \frac{1}{n^2}$$

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2. variants

Sareizini vai izdali!

$$1. \quad \frac{x^2-9}{3} \times \frac{2}{x-3} = \frac{2x+6}{3}$$

$$2. \quad \frac{9x+9}{18m^4} \times \frac{18m^4}{x^2-1} = \frac{9}{x-1}$$

$$3. \quad \frac{5y-5}{2y+2x} \div \frac{5-5y}{4x+4y} = -2$$

$$4. \quad \frac{a^2+b^2}{a^2-b^2} \div \frac{4a^2+4b^2}{a+b} = \frac{1}{4a-4b}$$

$$5. \quad \frac{a^2}{an-n^2} \div \frac{n}{a-n} \times \frac{1}{a^2} = \frac{1}{n^2}$$