

Algebrisko daļu saīsināšana, reizināšana un dalīšana (Atbildes testam)

I Saīsini!

$$1. \frac{18ab}{3a^2} = \frac{6b}{a}$$

$$2. \frac{24m^2n^5}{8m^3n} = \frac{3n^4}{m}$$

$$3. \frac{4m(m+1)}{m^2} = \frac{4(m+1)}{m}$$

$$4. \frac{3b+3a}{ay+by} = \frac{3}{y}$$

$$5. \frac{x-1}{x^2-2x+1} = \frac{1}{x-1}$$

$$6. \frac{k^2-16}{k^2-8k+16} = \frac{k+4}{k-4}$$

II Sareizini!

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

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

III Izdali!

$$1. \frac{a^2+b^2}{a^2-b^2} : \frac{3b^2+3a^2}{a+b} = \frac{1}{3(a-b)}$$

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

IV Vienkāršo!

$$1. \frac{m^2}{mn-n^2} : \frac{n}{m-n} \cdot \frac{1}{m^2} = \frac{1}{n^2}$$