PISANA PROVJERA GRUPA A DATUM \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

IME I PREZIME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ BODOVI/OCJENA \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Pojednostavi omjer 0.75 : 0.5

2. Ana i Klara žele zaradu od 352 kune podijeliti u omjeru 5 : 6. Koliko se kuna dobiti svaka djevojčica?

3. Za popločavanje poda od 25 m2 keramičar je potrošio 750 pločica. Koliko će mu pločica trebati za popločavanje kuhinjskog poda od 12 m2 tim istim pločicama?

4. Šest kosaca pokose neku livadu za 8 sati. Koliko sati bi tu livadu kosilo 4 kosca?

5.Dopuni tablicu ako je k = 24 i za veličine x i y znamo da su:

(a) proporcionalne (b) obrnuto proporcionalne

|  |  |
| --- | --- |
| **x** | **y** |
| 0.5 |  |
|  | $$\frac{3}{10}$$ |
|  | 15 |

|  |  |
| --- | --- |
| **x** | **y** |
|  | 72 |
| $$\frac{2}{9}$$ |  |
| 0.2 |  |

6. Prikaži grafički proporcionalnost $y= \frac{1}{2}x$.

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PISANA PROVJERA GRUPA B DATUM \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

IME I PREZIME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ BODOVI/OCJENA \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Omjer 3.2 : 0.03 napiši tako da mu drugi član bude 1 odnosno napiši ga u obliku *k* : 1.

2. Dva prijatelja žele podijeliti zaradu od 380 kn u omjeru 2 : 3. Koliko će svaki dobiti?

3. Vozeći prosječnom brzinom 36 km/h vlak prijeđe udaljenost između dvaju gradova za 4 sata. Kojom bi brzinom morao voziti ako bi tu udaljenost morao prijeći za 3 sata?

4. Od 35 kg jabuka dobiju se 4 litre jabukovače. Koliko se litara jabukovače dobije od 105 kg jabuka?

5. U kakvom su odnosu veličine x i y prikazane sljedećim tablicama:

(a) (b)

|  |  |
| --- | --- |
| **x** | **y** |
| 1.5 | 9 |
| $$\frac{8}{15}$$ | $$3\frac{1}{5}$$ |
| 13 | 78 |

|  |  |
| --- | --- |
| **x** | **y** |
| 0.3 | 4 |
| $$\frac{15}{11}$$ | $$\frac{22}{25}$$ |
| 0.8 | 1.5 |

6. Prikaži grafički proporcionalnost $y= \frac{1}{3}x$.

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PISANA PROVJERA GRUPA C DATUM \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

IME I PREZIME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ BODOVI/OCJENA \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Pojednostavi omjer 15 : 20

2. Ana i Klara žele zaradu od 72 kune podijeliti u omjeru 2 : 6. Koliko se kuna dobiti svaka djevojčica?

3. Krojačica za 15 radnih sati sašije 6 košulja. Koliko joj vremena treba da sašije 8 košulja?

4. Šest kosaca pokose neku livadu za 8 sati. Koliko sati bi tu livadu kosilo 4 kosca?

5.Dopuni tablicu ako je k = 24 i za veličine x i y znamo da su:

(a) proporcionalne (b) obrnuto proporcionalne

|  |  |
| --- | --- |
| **x** | **y** |
| 0.5 |  |
|  | $$\frac{1}{6}$$ |
|  | 8 |

|  |  |
| --- | --- |
| **x** | **y** |
|  | 48 |
| $$\frac{2}{9}$$ |  |
| 3 |  |

48

6. Prikaži grafički proporcionalnost $y= 2x$.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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