Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_

**10.3C Homework**

|  |  |
| --- | --- |
| 1. $\frac{8a}{4a}∙\frac{b^{3}}{b^{2}}$
 | 1. $\frac{4a^{4}}{6a}∙\frac{b^{2}}{b^{2}}$
 |
| 1. $ \frac{4x^{14}}{2x^{6}}∙\frac{y^{3}}{y^{2}}$
 | 1. $ \frac{9x^{2}}{12x}∙\frac{y^{12}}{y^{4}}$
 |
| 1. $\frac{7x}{3x}∙\frac{2p^{4}}{2p^{2}}$
 | 1. $ \frac{10x^{4}}{16}∙\frac{3y^{3}}{3y}$
 |
| 1. $ \frac{10y^{3}}{1}∙\frac{x^{5}}{x^{3}}$
 | 1. $\frac{2u^{2}}{u}∙\frac{v^{2}}{6v^{2}}$
 |
| 1. $ \frac{3u^{5}}{m}∙\frac{m^{4}}{u^{4}}$
 | 1. $ \frac{x^{13}}{8x^{4}}∙\frac{y^{4}}{y^{4}}$
 |

Solutions: 1. 2b 2. $\frac{2a^{3}}{3}$ 3. $ 2yx^{8}$ 4. $ \frac{3xy^{8}}{4}$ 5. $ \frac{7p^{2}}{3}$ 6. $ \frac{5x^{4}y^{2}}{8}$

 7. $ 10x^{2}y^{3}$ 8. $ \frac{u}{3}$ 9. $ 3um^{3}$ 10. $ \frac{x^{9}}{8}$