

Name: _____

Date: _____ Score: _____

Dividing Monomials

Simplify.

1

$$\frac{64a^4b^2}{48ab} =$$

2

$$\frac{95x^3z^8}{5xz} =$$

3

$$\frac{18m^4n^3}{39nm^4} =$$

4

$$\frac{8p}{8p} =$$

5

$$\frac{4w^9v^3}{5vw^7} =$$

6

$$\frac{6s^{10}t}{3s^5} =$$

7

$$\frac{x^5y^{16}}{x^4y^9} =$$

8

$$\frac{10cd}{2d} =$$

9

$$\frac{16g^8h^5}{8gh^3} =$$

10

$$\frac{81bc}{3} =$$

11

$$\frac{9g^4k}{3kg^2} =$$

12

$$\frac{14s^6t^7}{16s^2t^2} =$$

13

$$\frac{36n^5}{2n^2} =$$

14

$$\frac{72r^2s^2}{rs} =$$

15

$$\frac{14mnp}{7mp} =$$

16

$$\frac{32u^{12}w^7}{4u^7w^2} =$$

Name:

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Dividing Monomials

Answers

1

$$\frac{64a^4b^2}{48ab} = \frac{4}{3}a^3b$$

2

$$\frac{95x^3z^8}{5xz} = 19x^2z$$

3

$$\frac{18m^4n^3}{39nm^4} = \frac{6}{13}n^2$$

4

$$\frac{8p}{8p} = 1$$

5

$$\frac{4w^9v^3}{5vw^7} = \frac{4}{5}w^2v^2$$

6

$$\frac{6s^{10}t}{3s^5} = 2s^5t$$

7

$$\frac{x^5y^{16}}{x^4y^9} = xy^7$$

8

$$\frac{10cd}{2d} = 5c$$

9

$$\frac{16g^8h^5}{8gh^3} = 2g^7h^2$$

10

$$\frac{81bc}{3} = 27bc$$

11

$$\frac{9g^4k}{3kg^2} = 3g^2$$

12

$$\frac{14s^6t^7}{16s^2t^2} = \frac{7}{8}s^4t^5$$

13

$$\frac{36n^5}{2n^2} = 18n^3$$

14

$$\frac{72r^2s^2}{rs} = 72rs$$

15

$$\frac{14mnp}{7mp} = 2n$$

16

$$\frac{32u^{12}w^7}{4u^7w^2} = 8u^5w^5$$