

SM2—test review answers for unit 3

1. $\frac{8r^4}{a}$

2. $\frac{2}{y^7}$

3. $\frac{x^9}{27}$

4. a^3

5. p^4

6. $\frac{4y^6}{x^4}$

7. $16x\sqrt{2x}$

8. $3m^3\sqrt{2m^2}$

9. $-9\sqrt{5}$

10. $2\sqrt{30}$

11. 9

12. $18xy^2\sqrt{x}$

13. $6x^2y\sqrt{14x}$

14. $2xy^2\sqrt[3]{5y^2}$

15. 0

16. $12\sqrt{5} - 9\sqrt{3}$

17. 0

18. $20\sqrt{3} + 12\sqrt{2}$

19. 22

20. -72