

EXPONENT REVIEW

⊕

J	N	I	F	P	O	E	B	Q
D	P	C	O	A	E	I	L	H
A	M	R	F	M	R	E	A	O
R	G	J	M	K	N	M	G	K
M	D	B	R	Q	H	R	K	G
C	R	M	E	R	M	P	C	F
I	L	F	A	I	C	L	O	I
A	P	E	O	L	K	P	A	C
C	F	G	K	G	F	O	L	F
I	O	P	L	C	A	E	P	I

Name:

Date:

Period:

A	$27b^9$	J	x^3
B	$-\frac{2p}{p^2}$	K	$10a^4b$
C	$\frac{2x}{y^2}$	L	$-\frac{1}{p}$
D	$20m^{15}$	M	$20x^5y^3$
E	$-x^3$	N	$8x^4y^8$
F	$-\frac{b}{4}$	O	$3xy$
G	$20m^8$	P	$-\frac{m}{3}$
H	$7a^4b$	Q	$2xy^2$
I	$-27x^3$	R	$16x^4y^8$

Simplify. Your answer should contain only positive exponents.

black

1) $4m^5n^0 \cdot 5m^3$

black

2) $5ab \cdot 2a^3$

grey

3) $5x^5 \cdot 4y^3$

grey

4) $(4x^2y^4)^2$

yellow

5) $(3b^3)^3$

yellow

6) $(-3x)^3$

yellow

7) $-\frac{m^2n^2}{3mn^2}$

yellow

8) $\frac{-3x^2y^2}{-xy}$

yellow

9) $\frac{2yx^3}{x^2y^3}$

yellow

10) $-\frac{b^2 \cdot b^3}{(2b^2)^2}$

yellow

11) $\frac{3x \cdot (-x)^3}{3x}$

yellow

12) $\frac{2p^2}{-2p \cdot (-p)^2}$