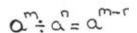
MULTIPLICATION Questions

-	-	
(11)	"	W+0
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DIVISION Questions



- Write in expanded form (showing all factors) before writing down the answer:
 - (a) $a^3 \times a^2 =$
 - (b) $t^7 \times t^4 =$ _____
- 2. Find, showing the middle (addition) step:
 - (a) $d^5 \times d^3 =$ ______
 - (b) $g^4 \times g^6 =$ ______
 - (c) w × w⁸ = _____
- 3. Find:
 - (a) $s^4 \times s^6 =$
 - (b) $e^2 \times e^9 =$
 - (c) $h^7 \times h^8 =$ ______
 - (d) $q^3 \times q^5 =$
 - (e) $r^2 \times r^{10} =$
 - (f) $p \times p^5 =$
 - (g) $t^3 \times t$ =
 - (h) $a^2 \times a^4 \times a^6 =$
 - (i) $b^5 \times b^2 \times b^9 =$ ______
 - (j) $z^9 \times z^8 \times z^7 =$
 - (k) $y^3 \times y^2 \times y =$ _____
- 4. Find:
 - (a) $2e^2 \times 3e^4 =$
 - (b) $5f^5 \times 2f^2 =$
 - (c) $8q \times 4q^2 =$
 - (d) $6h^3 \times 6h^2 =$
 - (e) $4s^7 \times 4s =$
 - (f) $3t^8 \times t^4 =$
 - (g) $7y^4 \times 5y^5 =$

This 2 .. 2 .. 3 .. 4 .. 4 = " ...

 Write in expanded form before writing down the answer:

(a)
$$\frac{t^3}{t^2} =$$

- 2. Find, showing the middle (subtraction) step:
 - (a) $a^9 + a^3 =$
 - (b) $b^7 \div b^2 =$ _____
 - (c) $c^{10} + c^4 =$ _____
- 3. Find:
 - (a) $d^{12} + d^4 =$
 - (b) $k^{11} + k^2 =$
 - (c) $y^9 + y^6 =$ _____
 - (d) $x^8 + x^2 =$ _____
 - (e) $p^{15} \div p^5 =$ _____
 - (f) m¹⁴ + m⁷ =
 - (g) $b^9 + b^3 =$
 - (h) $h^{18} + h^{8} =$ _____
 - (i) $c^{24} + c^{20} =$
 - (j) $e^7 + e =$
 - (k) $z^8 + z^7 =$
 - (1) $n^{20} \div n^4 =$
- 4. Find:
 - (a) $12g^{12} + 2g^2 =$
 - (b) $8h^7 + 4h^3 =$
 - (c) $15n^{15} + 5n^5 =$
 - (d) $9s^4 + 9s^2 =$
 - (e) $28q^{15} \div 7q^3 =$
 - (f) $18t^{13} + 6t^4 =$
 - (g) $10p^7 + 5p^6 =$
 - (h) $24r^8 + 8r =$

44 say during the storm? What did Santa's wife

Simplify the expressions given, leaving your answer in index form. Each answer and letter beside the question gives the puzzle code. 6 811 18a6b6 00 ρ, 1066 12a4b9 18a6b6

a767

6b14

18a6b5

15e4

06

6e7

9,7

1006

18a6b5

00

15e4

18a6b6

 $c^{5} + c^{3}$

Q

20

P

(14)

 Ω

(13)

b2 × b3

	Ne	**************************************
II	## ## ## ## ## ## ## ## ## ## ## ## ##	a a a x x a a x x a x x a x x a x x x a x
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	11	

Who is SHERE-KHAN?

& × & × & × & × & = =	Simplify the expressions given on the left, leaving your answer in power form. Join the dot next to each question to the dot next to its answer on the right. The lines will give the puzzle code.	Who is SHERE-KHAN?
010		15 HE THE WORLD (105

16	cn	-	-
03	13	- 01	50
13	3 13	- 9	CA
11		10	44
C4	50	5	G
9	CD	9	H
6	~7	9	3
4	CI	63	6
17	9	K	20
14		6	~
9	7	11	œ
6	14	-	9
1	15	4	20
20	10	120	00
В	5	1	뉙
œ		Ci	Н
8	7	C	н
16	18		20

3

2b6 × b6 × 3b3

2ab × 3a3 × 2b6

S

a×a×a³×a×a²

3e2 × 5e × e

c7e5 × c6e4 = $e^7 \times e^6 \times e =$ c8 × c17 + c13

CJ

8

(s)(10)

• e14

• b7 · a3b4 $ce^{9} \times c^{3}e =$

 $a^{7}b^{6} \times a^{2} + b^{4} =$

abaabbb =

 $c^3 \times e^2 \times c^5 \times e^2 =$

K

H

Z

9

• p

77

(15) • c⁴e¹⁰

12

6

• a⁹b²

16) • 6a⁵

 $e^{15} \div e^{11} =$ $c \times c^7 \times c^2 =$ b10 + b3 86 + 84 = $e \times e^3 \times e^2$

P

D

田

0

• c13e9 04 • C12 · 6

00

• 2b6

2a3 × 3a2 =

×

 $10b^6 \div 5b^2 =$

٢