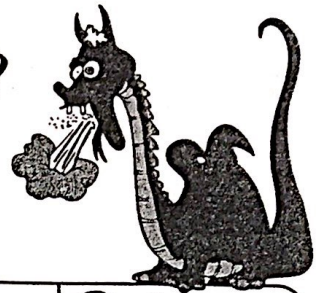


Why Aren't Dragons Hungry on Weekends?



Find each answer in the adjacent answer column. Write the letter of the answer in the box containing the number of the exercise.

In exercises 1-12, write the prime factorization of the given number.

1	28	2	45	3	88	V	$3^2 \cdot 7$
						E	$2^3 \cdot 11$
						T	$2^2 \cdot 7$
						L	$2^3 \cdot 3$
						A	$3^2 \cdot 5$
4	100	5	170	6	81	T	$2 \cdot 5 \cdot 17$
						C	$2^3 \cdot 11$
						K	3^4
						H	$2^2 \cdot 5^2$
						R	$2 \cdot 3^2 \cdot 5$
7	144	8	650	9	147	M	$2^3 \cdot 13$
						G	$2 \cdot 5^2 \cdot 13$
						U	$2 \cdot 5 \cdot 19$
						N	$3 \cdot 7^2$
						E	$2^4 \cdot 3^2$
10	64	11	135	12	250	K	$2 \cdot 5^3$
						S	2^6
						P	$2^4 \cdot 3$
						A	$3^3 \cdot 5$
						D	$2 \cdot 3 \cdot 5^2$

In exercises 13-22, write the product.

13	$2 \cdot 2 \cdot 2 \cdot 3 \cdot x$	O	$50x^2$	18	$2 \cdot 5^2 \cdot a^2$	W	$-625a^5b$
14	$2 \cdot 5 \cdot 5 \cdot x \cdot x$	E	$-95x^2y^3$	19	$-1 \cdot 3^4 \cdot a \cdot b^3$	L	$99a^2b^2$
15	$3 \cdot 3 \cdot 7 \cdot x \cdot y \cdot y \cdot y \cdot y$	R	$-48x^2y$	20	$2^3 \cdot 7 \cdot a^2 \cdot b^2$	F	$50a^2$
16	$-1 \cdot 2 \cdot 2 \cdot 11 \cdot x \cdot x \cdot x \cdot y$	Y	$24x$	21	$-1 \cdot 5^4 \cdot a^5 \cdot b$	N	$99a^2b^4$
17	$-1 \cdot 5 \cdot 19 \cdot x \cdot x \cdot y \cdot y \cdot y$	I	$63xy^4$	22	$3^2 \cdot 11 \cdot a^2 \cdot b^4$	S	$56a^2b^2$
		B	$-85x^2y^4$			E	$-625ab^3$
		H	$-44x^3y$			T	$-81ab^3$

5	16	7	13	18	3	11	20	1	14	9	21	17	2	6	12	22	15	8	4	19	10
---	----	---	----	----	---	----	----	---	----	---	----	----	---	---	----	----	----	---	---	----	----