

# 2.4 Puzzle Time

## What Do Babies And Mathematicians Have In Common?

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

Find the product. Write fractions in simplest form.

- 1.  $-\frac{2}{3} \times \frac{3}{5} = -\frac{2}{5}$
- 2.  $\frac{1}{12} \times \frac{3}{2} = \frac{1}{8}$
- 3.  $-2.5 \times 0.3 = -0.75$
- 4.  $(\frac{5}{12})(-\frac{4}{3}) = -\frac{5}{9}$
- 5.  $-\frac{5}{4} \times (-\frac{1}{25}) = \frac{1}{20}$
- 6.  $-5.5 \times (-3.4) = 18.7$
- 7.  $(-1\frac{1}{3})^2 = 1\frac{4}{9}$
- 8.  $(-\frac{11}{4})(\frac{4}{99}) = -\frac{1}{9}$
- 9.  $\frac{2}{3} \cdot (-2\frac{2}{3}) = -1\frac{7}{9}$
- 10.  $\frac{4}{3} \times \frac{5}{2} \times \frac{7}{15} = 1\frac{5}{9}$
- 11.  $\frac{8}{11}(-\frac{1}{4}) = -\frac{2}{11}$
- 12.  $(-\frac{1}{3})^3 = -\frac{1}{3} \cdot -\frac{1}{3} \cdot -\frac{1}{3} = -\frac{1}{27}$
- 13.  $(-0.5)(-9.1) = 4.55$
- 14.  $-8.4 \times -7.6 = 63.84$
- 15.  $-\frac{1}{5} \cdot -\frac{1}{6} \cdot -\frac{3}{2} = -\frac{3}{60} = -\frac{1}{20}$

Evaluate the expression.

- 16.  $(-0.1)(3.2) + 0.2 = -0.32 + 0.2 = -0.12$
- 17.  $(1.3 - 4) \times 0.1 = -2.7 \times 0.1 = -0.27$
- 18.  $(-2.1)^2 - 5 = 4.41 - 5 = -0.59$
- 19.  $(-1.5)(5)(-0.02) = 0.15$
- 20.  $2 - 3 \times 0.6 = 2 - 1.8 = 0.2$

Answers	
A. 4.55	E. -0.12
E. 63.84	T. 0.2
H. $-\frac{1}{27}$	I. $\frac{1}{20}$
O. -0.59	L. $-1\frac{7}{9}$
M. $-\frac{1}{20}$	O. 18.7
R. $-\frac{1}{9}$	S. $-\frac{5}{9}$
T. $1\frac{7}{9}$	U. $\frac{1}{8}$
Y. $-\frac{2}{11}$	L. 0.15
B. $-\frac{2}{5}$	H. -0.27
K. $1\frac{5}{9}$	F. -0.75

7 12 16 11 1 6 20 17 19 5 10 14 3 18 8 15 2 9 13 4  
 THEY BOTH LIKE FORMULAS