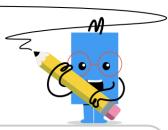# mobius

Order of Operations Priority - Multiply, Divide with Exponents

1 What do the rules for Order of Operations tell us about how to solve this equation?

$$9 \div 7^3 \times 6 = ?$$

A	Multiplication is highest priority	B	All operations are the same priority, calculate left to right.
C	Division is highest priority	D	The exponent is highest priority

2 What do the rules for Order of Operations tell us about how to solve this equation?

$$9 \div 2^3 \times 3 = ?$$

A	All operations are the same priority, calculate left to right.	B	Division is highest priority
C	Multiplication is highest priority	D	The exponent is highest priority

3 What do the rules for Order of Operations tell us about how to solve this equation?

$$6 \div 2^3 \times 7 = ?$$

A	All operations are the same priority, calculate left to right.	B	The exponent is highest priority
C	Multiplication is highest priority	D	Division is highest priority

4 What do the rules for Order of Operations tell us about how to solve this equation?

$$8 \div 4^3 \times 6 = ?$$

A	All operations are the same priority, calculate left to right.	B	Multiplication is highest priority
C	The exponent is highest priority	D	Division is highest priority

5 What do the rules for Order of Operations tell us about how to solve this equation?

$$8 \div 7^3 \times 3 = ?$$

A	The exponent is highest priority	B	Division is highest priority
C	All operations are the same priority, calculate left to right.	D	Multiplication is highest priority

6 What do the rules for Order of Operations tell us about how to solve this equation?

$$3 \div 7^3 \times 4 = ?$$

A	The exponent is highest priority	B	Multiplication is highest priority
C	Division is highest priority	D	All operations are the same priority, calculate left to right.

7 What do the rules for Order of Operations tell us about how to solve this equation?

$$6 \div 2^3 \times 5 = ?$$

A	The exponent is highest priority	B	Multiplication is highest priority
C	Division is highest priority	D	All operations are the same priority, calculate left to right.

8 What do the rules for Order of Operations tell us about how to solve this equation?

$$3 \div 7^3 \times 6 = ?$$

A	All operations are the same priority, calculate left to right.	B	Division is highest priority
C	The exponent is highest priority	D	Multiplication is highest priority

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