Question 1.

Use the Binomial Theorem to expand the power of a binomial.

$(x - 7)^4 =$ ☐

Question 2.

Use the Binomial Theorem to expand the power of a binomial.

$(7x - 1)^3 =$ ☐

Question 3.

Use the Binomial Theorem to expand the power of a binomial.

$(5x - 3y)^3 =$ ☐

Question 4.

Use the Binomial Theorem to find the specified term of the given power of a binomial. (Remember that r starts at 0 in the Binomial Theorem, so finding, say, the second term means that $r = 1$.)

Find the second term in the expanded form of $(x - 2)^6$.

The second term is ☐ .

Question 5.

Use the Binomial Theorem to find the specified term of the given power of a binomial. (Remember that r starts at 0 in the Binomial Theorem, so finding, say, the second term means that $r = 1$.)

Find the second term in the expanded form of $(4x - 2y)^5$.

The second term is ☐ .
