

Bellwork Hon Alg 2 Thursday, April 13, 2017

1. Is the inverse of each a function?

a) $f(x) = x^3 - 9x^2 + 27x - 23$

b) $y = -2|-x^2 + 3| + 8$

c) $f(x) = 20(1.3)^{2x} - 4$

d) $y = -5x^6 + x^3 - 7x^2 + 8$

2. Solve for Q .

$$\frac{\sqrt[3]{MQ-K}}{G} + W = X$$

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ANSWERS

1. Is the inverse of each a function?

a) $f(x) = x^3 - 9x^2 + 27x - 23$

Yes, inverse is
a function

b) $y = -2|-x^2 + 3| + 8$

No, inverse is NOT
a function

c) $f(x) = 20(1.3)^{2x} - 4$

Yes, inverse is
a function

d) $y = -5x^6 + x^3 - 7x^2 + 8$

No, inverse is NOT
a function.

2. Solve for Q .

$$\frac{\sqrt[3]{MQ-K}}{G} + W = X$$

$$Q = \frac{[G(X-W)]^3 + K}{m}$$