

---

---

You should be able to answer these questions without the aid of a textbook in order to be taking Math 92

---

---

1. Evaluate  $3(-4) + 8 \cdot 2$ .
2. Solve  $6 - (w - 4) = 3w + 5$ .
3.  $-\frac{2}{3}x = 8$ .
4. Bob has grades of 75 and 82 on his first two algebra tests. If he wants an average of *at least* 80 after his third test, what score must he achieve?
5. Graph the line  $4x + y = 8$ .
6. Simplify. Use only positive exponents.  $\frac{(3xy^{-1})^3}{2^4x^{-2}y^2}$ .
7. Simplify.  $(9w^2 - 6w) - (4w^2 + 7w - 3)$ .
8. Multiply.  $(2p + 5)(3p - 8)$ .