$$X = points\ \ from\ \ normal\ \ shots$$
$$n_X = 16, \quad p = 0.43$$
$$X \sim Bin(16, 0.43)$$

$$Y = successful\ \ money\ \ shots$$
$$n_Y = 4, \quad p = 0.43$$
$$Y \sim Bin(4, 0.43)$$

$$Z = points\ \ from\ \ money\ \ shots$$
$$Z = 2 * Y$$

$$W = total\ \ points\ \ scored$$
$$W = X + Z$$

1. What is the expected value of points scored?

$$\mathbb{E}[X] = n_X p = 16 * 0.43 = 6.88$$
$$\mathbb{E}[Y] = n_Y p = 4 * 0.43 = 1.72$$
$$\mathbb{E}[Z] = 2 * \mathbb{E}[Y] = 2 * 1.74 = 3.44$$

Since X and Z are independent:

$$\mathbb{E}[W] = \mathbb{E}[X + Z] = \mathbb{E}[X] + \mathbb{E}[Z] = 6.88 + 3.44 = 10.32$$

The expected value of points scored is 10.32.

2. What is the standard deviation of the total points scored?

$$V(X) = n_X p(1-p) = 16 * 0.43 * 0.57 = 3.9216$$
$$V(Y) = n_Y p(1-p) = 4 * 0.43 * 0.57 = 0.9804$$
$$V(Z) = 2^2 * V(Y) = 4 * 0.9804 = 3.9216$$

Since X and Z are independent:

$$V(W) = V(X + Z) = V(X) + V(Y) = 3.9216 * 2 = 7.8432$$
$$\sigma_W = \sqrt{V(W)} = \sqrt{7.8432} = 2.800$$