

13.) $-2n - 11 = -33$

14.) $\frac{y}{(-2)} - 5 = 10\frac{3}{4}$

15.) $\frac{3}{4}F + 110 = 32$

16.) $-0.8x + (-6) = 32$

17.) $4c - (-21) = -2$

18.) $\frac{m}{2} + (-6) = -6$

Show organized work to solve these OAA questions.

19. A producer has a \$2 million budgeted for costs related to filming a movie on location. She estimates

the cost to be:

$$c = \$108,000n + \$175,000$$

where c = costs in dollars and n = number of days.

What is the greatest number of days she can film on Location and remain within the budget? (OGT)

- A. 11 days
- B. 16 days
- C. 18 days
- D. 20 days

20. What is the value of x when $3x + 11 = 20$? (6OAA)

- A. 3
- B. $\frac{20}{3}$
- C. 9
- D. $\frac{31}{3}$

Answers:

- 2.) 6 3.) 8 4.) 88 5.) 11.5 6.) 20.24 7.) $34.\overline{16}$ 8.) $8\frac{1}{16}$ 9.) 176 10.) -10
 11.) -3.5 12.) -42 13.) 11 14.) -31.5 15.) -104 16.) -47.5 17.) $-5\frac{3}{4}$ 18.) 0