

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.  $\frac{31}{3}$

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**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