Lesson 2.3C

Create an equation for the following tables.

1. The total cost (c) for miles (m) traveled in a taxi.

m	2	4	6	8	10
c	\$4.50	\$6	\$7.50	\$9	\$10.50

2. The money earned (m) in a number of weeks (w).

w	2	4	6	8	10
m	\$10	\$20	\$30	\$40	\$50

3. The distance traveled (d) in time in hours (h).

h	2	3	4	5	6
d	14	21	28	35	42

4. The amount of profit (p) of a stand selling lemon shake-ups (l).

l	250	300	350	400	450
p	\$50	\$200	\$350	\$500	\$650

5. The total weight of an aquarium (a) holding gallons (g) of water.

g	100	110	120	130	140
a	930	1015	1100	1185	1270

6. The number of dogs (d) to herd cattle (c).

c	9	15	21	27	33
d	3	5	7	9	11

Use the given tables to solve the linear questions.

7. How much would it cost (c) for 15 gallons of gas (g)?

g	4	6	8	10	12
c	\$14	\$21	\$28	\$35	\$42

8. How many minutes (m) would it take for a pot of water to reach a temperature (t) of 210°F?

m	1	2	3	4	5
t	85	110	135	160	185

9. How much would it cost (c) to buy 13 shirts (s) at Kohl's?

s	2	4	6	8	10
c	\$10	\$30	\$50	\$70	\$90

10. How many songs (s) could your purchase for \$45 (c)?

s	4	6	8	10	12
c	\$6	\$9	\$12	\$15	\$18

11. How many cups of cheese (c) would you need for an 32-inch pizza (p)?

p	8	12	16	20	24
c	2	3	4	5	6

12. How much profit (p) would Harry's Hot Dogs make if they sold 400 hot dogs (h) in a month?

h	200	225	250	275	300
p	100	150	200	250	300