This problem gives you the chance to:

· work with equations that represent real life situations

T1

Bill is going to order new jerseys for his baseball team.

The jerseys will have the team logo printed on the front.

Bill asks two local companies to give him a price.



1. 'Print It' will charge \$21.50 each for the jerseys.

Using n for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Print It'.

21.5n = c

2. 'Top Print' has a one-time setting up cost of \$70 and then charges \$18 for each jersey.

Using n to stand for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Top Print'.

70+18n=c

3. Bill decides to order 30 jerseys from 'Top Print'.

How much more would the jerseys cost if he buys them from 'Print It'?

Show all your calculations.

4. Use the two equations from questions 1 and 2 to figure out how many jerseys Bill would need to buy for the price from 'Top Print' to be less than from 'Print It'.

Explain how you figured it out.

Tused guess and check. Using my calculator and the equations above, I found out buying 20 jeiseys equals the prices to \$430. I added 1 more jersey, and Top Print was \$448 and Print It was \$451.50. 21 jeiseys was definetly when Top Print was cheaper.

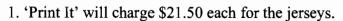
This problem gives you the chance to:

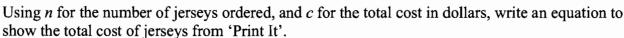
· work with equations that represent real life situations

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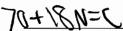






2. 'Top Print' has a one-time setting up cost of \$70 and then charges \$18 for each jersey.

Using n to stand for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Top Print'.



3. Bill decides to order 30 jerseys from 'Top Print'.

How much more would the jerseys cost if he buys them from 'Print It'?

Show all your calculations.

4. Use the two equations from questions 1 and 2 to figure out how many jerseys Bill would need to buy for the price from 'Top Print' to be less than from 'Print It'.

Explain how you figured it out.

He would have to buy 20 Jerseys because it would take 30 to get the 30 dollars to go to go the sould be 35.50 dollars cheaper.

This problem gives you the chance to:

work with equations that represent real life situations

Bill is going to order new jerseys for his baseball team.

The jerseys will have the team logo printed on the front.

Bill asks two local companies to give him a price.



1. 'Print It' will charge \$21.50 each for the jerseys.

Using n for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Print It'.

c=21.8n

2. 'Top Print' has a one-time setting up cost of \$70 and then charges \$18 for each jersey.

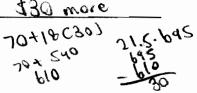
Using n to stand for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Top Print'.

C= 70 x100~

3. Bill decides to order 30 jerseys from 'Top Print'.

How much more would the jerseys cost if he buys them from 'Print It'?

Show all your calculations.



4. Use the two equations from questions 1 and 2 to figure out how many jerseys Bill would need to buy for the price from 'Top Print' to be less than from 'Print It'. 1-10 jerseys Explain how you figured it out.

70+18C13 ABB

70+18022=106

70+18(10)=250

21.5.1-421.60

21.5.2 = 43 21.5.3 = 64.5

21.6.10:250

This problem gives you the chance to:

work with equations that represent real life situations



Bill is going to order new jerseys for his baseball team.

The jerseys will have the team logo printed on the front.

Bill asks two local companies to give him a price.



1. 'Print It' will charge \$21.50 each for the jerseys.

Using n for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Print It'. 21,5n=

2. 'Top Print' has a one-time setting up cost of \$70 and then charges \$18 for each jersey.

Using n to stand for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Top Print'. 70+18n=C

3. Bill decides to order 30 jerseys from 'Top Print'. How much more would the jerseys cost if he buys them from 'Print It'? Show all your calculations.

70+18(30)=610

21.530= 645

4. Use the two equations from questions 1 and 2 to figure out how many jerseys Bill would need to buy for the price from 'Top Print' to be less than from 'Print It'. Explain how you figured it out.

This problem gives you the chance to:

· work with equations that represent real life situations

**T5** 

Bill is going to order new jerseys for his baseball team.

The jerseys will have the team logo printed on the front.

Bill asks two local companies to give him a price.



1. 'Print It' will charge \$21.50 each for the jerseys.

Using n for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Print It'.

\$21.50n = c

2. 'Top Print' has a one-time setting up cost of \$70 and then charges \$18 for each jersey.

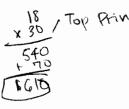
Using n to stand for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Top Print'.

\$70+18n = C

3. Bill decides to order 30 jerseys from 'Top Print'.

How much more would the jerseys cost if he buys them from 'Print It'?

Show all your calculations. \$35 more



4. Use the two equations from questions 1 and 2 to figure out how many jerseys Bill would need to buy for the price from 'Top Print' to be less than from 'Print It'.

Explain how you figured it out.

The strated from I a plus and it is both agent

20

I started from I & plugged it in both equations in pla of variable "n" & then continued until "Top Print" & "Iring It" had equal or more prices.

This problem gives you the chance to:

· work with equations that represent real life situations

S1

Bill is going to order new jerseys for his baseball team.

The jerseys will have the team logo printed on the front.

Bill asks two local companies to give him a price.

1. 'Print It' will charge \$21.50 each for the jerseys.

Using n for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Print It'.

21.50m =C

2. 'Top Print' has a one-time setting up cost of \$70 and then charges \$18 for each jersey.

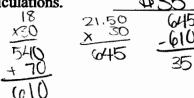
Using n to stand for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Top Print'.

70+18n=c

3. Bill decides to order 30 jerseys from 'Top Print'.

How much more would the jerseys cost if he buys them from 'Print It'?

Show all your calculations.



4. Use the two equations from questions 1 and 2 to figure out how many jerseys Bill would need to buy for the price from 'Top Print' to be less than from 'Print It'.

Explain how you forward it out

Explain how you figured it out.

21.50(21)= \$451.50 WAILE 70+18(21)=\$448

This problem gives you the chance to:

work with equations that represent real life situations



Bill is going to order new jerseys for his baseball team.

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Bill asks two local companies to give him a price.

1. 'Print It' will charge \$21.50 each for the jerseys.

Using n for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Print It'.

2. 'Top Print' has a one-time setting up cost of \$70 and then charges \$18 for each jersey.

Using n to stand for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Top Print'.

3. Bill decides to order 30 jerseys from 'Top Print'.

How much more would the jerseys cost if he buys them from 'Print It'?

Top Print 
$$\begin{cases} 18(30) + 70 \\ = 540 + 70 \end{cases}$$
 Print it 
$$\begin{cases} 21.50(30) \\ = 645 \end{cases}$$

4. Use the two equations from questions 1 and 2 to figure out how many jerseys Bill would need to buy for the price from 'Top Print' to be less than from 'Print It'. Explain how you figured it out. more than 20 jerseys

n < 20

21.501	n< 18n+70	3.5n< 70
-18 n	-12n	25 27

-18 n -18n.	3.5 3.5
3.50<70	n<20

This problem gives you the chance to:

· work with equations that represent real life situations

**S**3

Bill is going to order new jerseys for his baseball team.

The jerseys will have the team logo printed on the front.

Bill asks two local companies to give him a price.

1. 'Print It' will charge \$21.50 each for the jerseys.



Using n for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Print It'.

21.50 472 6

2. 'Top Print' has a one-time setting up cost of \$70 and then charges \$18 for each jersey.

Using n to stand for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Top Print'.

(1.8 xn)+70=C

3. Bill decides to order 30 jerseys from 'Top Print'.

How much more would the jerseys cost if he buys them from 'Print It'? Show all your calculations.

4. Use the two equations from questions 1 and 2 to figure out how many jerseys Bill would need to buy for the price from 'Top Print' to be less than from 'Print It'.

Explain how you figured it out.

around 20 Jerseys

I estimited 3 times and used

the expressions from land E.

This problem gives you the chance to:

· work with equations that represent real life situations



Bill is going to order new jerseys for his baseball team.

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Bill asks two local companies to give him a price.

1. 'Print It' will charge \$21.50 each for the jerseys.



> ZI,SON=C

18n +70=C

Using n for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Print It'.

107.5

2. 'Top Print' has a one-time setting up cost of \$70 and then charges \$18 for each jersey.

Using n to stand for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Top Print'.

3725

B

3. Bill decides to order 30 jerseys from 'Top Print'.

How much more would the jerseys cost if he buys them from 'Print It'?

Show all your calculations.

US).50

 $30\times18+10=\frac{610}{$85.00}$ 

4. Use the two equations from questions 1 and 2 to figure out how many jerseys Bill would need to buy for the price from 'Top Print' to be less than from 'Print It'.

Explain how you figured it out.

at the difference

on . Multiplying the numbers

This problem gives you the chance to:

work with equations that represent real life situations

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\$21.5n=C

2. 'Top Print' has a one-time setting up cost of \$70 and then charges \$18 for each jersey.

Using n to stand for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Top Print'.

\$70+18n=c

3. Bill decides to order 30 jerseys from 'Top Print'.

How much more would the jerseys cost if he buys them from 'Print It'?

Show all your calculations. \$35

Show all your calculations. 
$$$35$$
 $21.5n=C$ 
 $21.5\times30=C$ 
 $70+18\times30=C$ 
 $645=c$ 
 $70+540=C$ 

Print it  $610=C$ 

4. Use the two equations from questions 1 and 2 to figure out how many jerseys Bill would need to buy for the price from 'Top Print' to be less than from 'Print It'.

Explain how you figured it out.

21.5n=c = 21.5.5=c, 107.5=c, 70+18n=c, 70+18.5=c, 70+90=C, C=150

This problem gives you the chance to:

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3. Bill decides to order 30 jerseys from 'Top Print'.

How much more would the jerseys cost if he buys them from 'Print It'?

Show all your calculations.

4. Use the two equations from questions 1 and 2 to figure out how many jerseys Bill would need to buy for the price from 'Top Print' to be less than from 'Print It'. Explain how you figured it out.



20 jeusey, they cost need to



This problem gives you the chance to:

· work with equations that represent real life situations

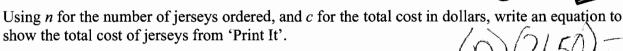
**S7** 

Bill is going to order new jerseys for his baseball team.

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Bill asks two local companies to give him a price.

1. 'Print It' will charge \$21.50 each for the jerseys.



2. 'Top Print' has a one-time setting up cost of \$70 and then charges \$18 for each jersey.

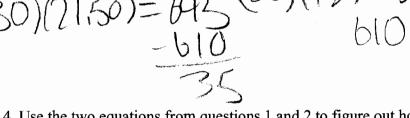
Using n to stand for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Top Print'.

3. Bill decides to order 30 jerseys from 'Top Print'.

How much more would the jerseys cost if he buys them from 'Print It'?

How much more would the jerseys cost if he buys them from 'Print It's Show all your calculations.

(30) (15) = 540 7



4. Use the two equations from questions 1 and 2 to figure out how many jerseys Bill would need to buy for the price from 'Top Print' to be less than from 'Print It'.

Explain how you figured it out.

This problem gives you the chance to:

work with equations that represent real life situations



Bill is going to order new jerseys for his baseball team.

The jerseys will have the team logo printed on the front.

Bill asks two local companies to give him a price.



1. 'Print It' will charge \$21.50 each for the jerseys.

Using n for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Print It'.

\$21.50n = C

2. 'Top Print' has a one-time setting up cost of \$70 and then charges \$18 for each jersey.

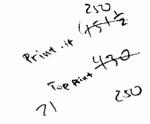
Using n to stand for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Top Print'.

70 + 18n = C

3. Bill decides to order 30 jerseys from 'Top Print'.

How much more would the jerseys cost if he buys them from 'Print It'?

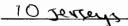
Show all your calculations.



70+18(30)=\$610 21.50 (30)-\$645

4. Use the two equations from questions 1 and 2 to figure out how many jerseys Bill would need to buy for the price from 'Top Print' to be less than from 'Print It'. Explain how you figured it out.

because of query and check



This problem gives you the chance to:

· work with equations that represent real life situations

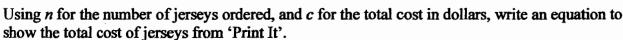


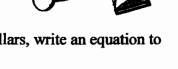
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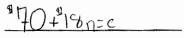




\$ 11.50n=c

2. 'Top Print' has a one-time setting up cost of \$70 and then charges \$18 for each jersey.

Using n to stand for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Top Print'.



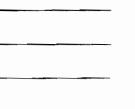
3. Bill decides to order 30 jerseys from 'Top Print'.

How much more would the jerseys cost if he buys them from 'Print It'? Show all your calculations.

4. Use the two equations from questions 1 and 2 to figure out how many jerseys Bill would need to buy for the price from 'Top Print' to be less than from 'Print It'. Explain how you figured it out.

#21.50 > 470+48n \*3.50 > 470

n=	2	$\circ$



This problem gives you the chance to:

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1. 'Print It' will charge \$21.50 each for the jerseys.

Using n for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Print It'.

N= 2150

C=21.50

2. 'Top Print' has a one-time setting up cost of \$70 and then charges \$18 for each jersey.

Using n to stand for the number of jerseys ordered, and c for the total cost in dollars, write an equation to show the total cost of jerseys from 'Top Print'.

C=70+18N

3. Bill decides to order 30 jerseys from 'Top Print'.

How much more would the jerseys cost if he buys them from 'Print It'?

Show all your calculations. #35

C=70+18(30) C=21,5n

4. Use the two equations from questions 1 and 2 to figure out how many jerseys Bill would need to buy for the price from 'Top Print' to be less than from 'Print It'. #0f 705ex < 20 Explain how you figured it out.

(-71.5(20)=430

(=70+18(20)=430