

$$1. \quad \begin{array}{l} \text{Puppeteer} \\ 64.85 + 29.90h \end{array} \quad \begin{array}{l} \text{Babysitter} \\ 12.50h \end{array}$$

Expression: $64.85 + 29.90h + 12.50h$

h = number
of
hours

$$\begin{array}{c} 64.85 + h(29.90 + 12.50) \\ \text{or} \\ 64.85 + 3(29.90 + 12.50) \end{array}$$

$$\begin{aligned} 2. \quad & 64.85 + 3(29.90 + 12.50) \\ & = 64.85 + 3(42.40) \\ & = 64.85 + 127.20 \end{aligned}$$

$$= \$192.05 \quad \text{Puppeteer + babysitter}$$

3. \$6.25 per person with 17 people

$$\begin{array}{r} \overset{1}{6}.\overset{3}{25} \text{ 2 decimals} \\ \times \quad 17 \\ \hline 4375 \\ + 6250 \\ \hline 106.25 \end{array} = \$106.25$$

4.

<u>1st</u>	Puppeteer & babysitter:	192.05
(add)	Jump 'n Jammin:	325.35
	Decorations:	45.50
	Food:	+ 106.25
		669.15
<u>2nd</u>	Grandma's help.	
(subtract)		- 150.00
		519.15

Total spend
\$519.15

5. total : 519.15 (from #4)
 # of children → 17

= about \$30.54

6. Totaled costs

• calculated Puppeteer & babysitter together, add overall cost from place,
 (192.05) (325.35)

decorations (45.50) and food (106.25).
 Then take out Grandma's help
 (subtract 150.00): $192.05 + 325.35 + 45.50 + 106.25 - 150 = \519.15

Take total 519.05 and divide
by the total number of
kids ... $\frac{519.05}{17} \approx \30.54

7. All accepted if given
reasonable answer.

Ex: \$30 per guest seems
a bit much because
they aren't doing a lot at
the party. They could go
somewhere else and do more.