

GMF 10

Lesson 2.2 (2)

Warm ups

Example 3

Hien is a painting contractor. He negotiates a contract with a homeowner to paint the exterior siding on a house at a rate of \$30.00/h plus the cost of materials. It takes Hien six 8-hour days to prepare and paint the siding, and he uses 15 gallons of paint that cost \$45.00 each. What is the total value of the contract?

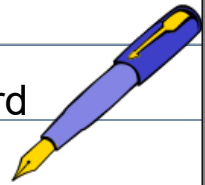
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Contract: a legal agreement that outlines terms, conditions, and payment for work to be done.



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Tips - a sum of money given to someone as a reward
for their services.



How much should you tip?

How can you estimate this amount?

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BUILD YOUR SKILLS

10. If Freddi earns \$6.86 on a \$95.95 sale, what was his rate of commission?

$$\begin{aligned} ?\% \text{ of } 95.95 &= 6.86 \\ \% &= \frac{6.86}{95.95} \\ \% &= 0.07 \times 100 \\ &= 7\% \text{ commission} \end{aligned}$$

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BUILD YOUR SKILLS

13. Marcel is bidding on a contract to lay concrete on a patio. He decides to calculate his actual costs and then add 20% profit for himself. He needs 3 cubic yards of concrete at \$100.00 per cubic yard delivered. He needs to pay 2 employees \$12.45/h each for 4 hours to do the job. What should he charge the client?

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BUILD YOUR SKILLS

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$$\frac{\$100}{\cancel{yd^3}} \times 3yd^3 = \$300$$

$$12.45/hr \cdot 4hrs \times 2people = \$99.60$$

$$\text{Total cost of job} = \$399.60$$

$$\$399.60 \times 0.20 = \$79.92 \leftarrow \text{profit}$$

$$\text{Total bid} = \$479.52$$

$$\boxed{\begin{aligned} 399.60 \times 1.20 \\ = \$479.52 \end{aligned}}$$

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Homework

Workbook:

Pg. 92 (Q. 11 & 12);

Pg. 94(Q. 14 & 15)

Aug 13-12:40 AM