

1.4 Piecework

Piecework:

worker receives a specified amount of money for each item of work completed

Formula:

$(\text{rate per item})(\# \text{ of items produced})$

Oct 27-8:29 PM

Oct 27-8:32 PM

Jermaine works for Universal Athlecs screen printing shirts. He gets paid \$8 for every shirt he completes. Last week he completed 75 shirts. How much did he earn last week?

$$\begin{array}{l} (\text{rate})(\# \text{ items}) \\ (8)(75) \\ \boxed{\$600} \end{array}$$

Oct 27-8:35 PM

Aubrey fumigates rooms and charges \$21.95 per room. On Monday, he fumigated 3 rooms in one house, 3 in another, and 5 in a third house. What are his total charges?

$$(21.95)(11) = \$241.45$$

Oct 27-8:35 PM

Craig is an over-the-road truck driver. If he is paid \$0.54 per mile, what is Craig's total pay for the day he drove 527 miles?

Oct 20-8:00 AM

Mark operates an oil and tune-up car service. He charges \$33.95 per oil change. Tune-up is \$72.50 for a four-cylinder engine, \$82.50 for a six-cylinder engine, and \$92.50 for an eight-cylinder engine. What are the charges for a week in which Mark's facility did 35 oil changes and tuned 5 four-engines, 7 six-cylinder engines, and 2 eight-cylinder engines?

Mar 26-1:26 PM

$$\begin{array}{r}
 (33.95)(35) = 1188.25 \\
 (72.50)(5) = 362.50 \\
 (82.50)(7) = 577.50 \\
 (92.50)(2) = 185.00 \\
 \hline
 \$ 2313.25
 \end{array}$$

Mar 26-3:15 PM