

Money computations

Approach: Independent

Level: Year 4 and year 8

Resources: None

Questions/instructions	% responses			
		y4	y8	
1.	$\begin{array}{r} 76c \\ + 46c \\ \hline \end{array}$	\$1.22	25	56
		122c	15	31
2.	$\begin{array}{r} \$2.35 \\ + 3.83 \\ \hline \end{array}$	\$6.18	34	85
3.	$\begin{array}{r} \$37.98 \\ + 9.84 \\ \hline \end{array}$	\$47.82	20	77
4. \$5+30 cents +\$11+\$2.40+28 cents =	\$18.98	21	67	
5.	$\begin{array}{r} \$10.00 \\ - 3.35 \\ \hline \end{array}$	\$6.65	8	58
6.	$\begin{array}{r} \$8.23 \\ - 4.76 \\ \hline \end{array}$	\$3.47	8	58
7.	$\begin{array}{r} \$153.40 \\ - 27.36 \\ \hline \end{array}$	\$126.04	8	58

	% responses			
		y4	y8	
8.	$\begin{array}{r} \$2.32 \\ \times 4 \\ \hline \end{array}$	\$9.28		71
9.	$\begin{array}{r} \$142.17 \\ \times 5 \\ \hline \end{array}$	\$710.85		67
10.	$\begin{array}{r} \$35.60 \\ \times 23 \\ \hline \end{array}$	\$818.80		31
11.	$6 \overline{) \$2.40}$	\$0.40/40c		44
12.	$4 \overline{) \$146.00}$	\$36.50		35
13.	$20 \overline{) \$66.00}$	\$3.30		31

Commentary

On the common items, year 8 students were much more successful than year 4 students. On average, 70 percent of year 8 students succeeded, compared to 20 percent of year 4 students.