e) 0.87 87 1) $0.1\overline{666}$ 2. Write each of the fole a) $\frac{1}{4} = 6.25$	AC 2000 AR 3-0 WA 5000 SERVE	c) 0.35 $\frac{35}{100} = \frac{7}{20}$ g) $0.\overline{131313}$ $\frac{13}{100} = \frac{1}{20}$ k) 0.05 $\frac{5}{100} = \frac{1}{20}$ orm:	d) 0.123 123 1000 h) $0.\overline{142857}$ 142857 $142859 = 7$ $1) 0.06666$ $0.666 = 9$ 0.06666 $0.666 = 9$ 0.06666 $0.666 = 9$ 0.06666 $0.666 = 9$ 0.06666 $0.666 = 9$ 0.06666 $0.666 = 9$ 0.06666 $0.666 = 9$ 0.06666 $0.6666 = 9$ 0.06666 $0.6666 = 9$ 0.06666 $0.6666 = 9$ 0.06666 $0.6666 = 9$ 0.06666 $0.6666 = 9$ 0.06666 $0.6666 = 9$ 0.06666 $0.6666 = 9$ 0.06666 $0.6666 = 9$ 0.06666 $0.6666 = 9$ 0.06666 $0.6666 = 9$ 0.06666 $0.6666 = 9$ 0.06666 $0.6666 = 9$ 0.06666 $0.6666 = 9$ 0.06666 $0.6666 = 9$ 0.06666 $0.6666 = 9$ 0.06666 $0.6666 = 9$ 0.06666 0.6666
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i) $0.1\overline{666}$ 2. Write each of the fol a) $\frac{1}{4} = 6.25$	f) $0.\overline{333}$ $3 = \frac{1}{3}$ j) $0.8\overline{333}$ Flowing fractions in decimal form	$\frac{35}{100} = \frac{7}{20}$ g) $0.\overline{131313}$ $\frac{13}{99}$ k) 0.05 $\frac{5}{100} = \frac{1}{20}$ orm:	$\frac{123}{1000}$ h) $0.\overline{142857}$ $142859 = 1$ 9997997 1) $0.0\overline{6666}$ 0.666 0.666 0.666 = 9 0.0666 = 2
i) $0.1\overline{666}$ 2. Write each of the fole a) $\frac{1}{4} = 6.25$	$3 = \frac{1}{3}$ 5 6 6 6 6 6 6 6 6 6 6	$\frac{13}{99}$ $k) 0.05$ $\frac{5}{100} = \frac{1}{20}$ orm:	h) $0.\overline{142857}$ $142859 = 7$ $1) 0.06666$ $0.666 = 6$ $0.0666 = 6$ $0.0666 = 6$ $0.0666 = 6$
i) $0.\overline{1666}$ 2. Write each of the fol a) $\frac{1}{4} = 6.25$ e) $\frac{23}{99} = 0.23$	llowing fractions in decimal fo	$\frac{\varepsilon}{100} = \frac{1}{20}$	1) 0.06666 0.666 = 6 0.066 = 2 0.066 = 2
a) $\frac{1}{4}$ = 6.25		4	
7	b) $\frac{3}{8} = 0.3 + 5$	$c) \frac{4}{6} = 0.56$	d) $\frac{18}{75} = \frac{3}{15} = \frac{1}{5}$
e) $\frac{23}{99}$ = 0.23			= 0.2
	f) $\frac{25}{999}$ = 0.025 = 0.025	g) $\frac{174}{100} = 1.74$	h) $\frac{3}{7}$ = 0.4285+1
i) $\frac{7}{11} = 0.63$	$j) \frac{5}{11} = 0.45$	k) $\frac{123}{9999} = 0.0123$	1) 0.076923 =
3. Add the following wi	thout a calculator:	<u>.</u>	- Da
a) $\frac{3}{4} + \frac{1}{12}$ $\frac{9}{12} + \frac{1}{12}$ $= \frac{10}{12} = \frac{5}{12}$	b) $\frac{4}{5} + \frac{7}{10}$ $\frac{4}{5} + \frac{7}{10}$ $= \frac{15}{3} = \frac{3}{2}$	c) $\frac{-5}{6} + \frac{-11}{15}$ $-\frac{25}{30} + \frac{-22}{30}$ $= \frac{-47}{30}$	d) $\frac{4}{15} + \frac{13}{20}$ $\frac{16}{60} + \frac{36}{60}$ $= \frac{55}{60} = \frac{11}{12}$
e) $\frac{8}{11} + \frac{-23}{99}$ $\frac{32}{99} - \frac{23}{99}$	f) $\frac{4}{8} + \frac{-3}{7}$ = $\frac{28}{56} + \frac{-24}{56}$	g) $\frac{12}{5} + \frac{19}{10}$	h) $3\frac{1}{4} + 4\frac{2}{3}$

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i) $2\frac{3}{5} + 4\frac{2}{3}$	j) $4\frac{1}{30} + 3\frac{2}{5}$	k) $\frac{-13}{5} + 1\frac{5}{6}$	1) $\frac{6}{11} + \frac{3}{99}$
13 + 14 5 + 13 33 + 30 109	121 + 17	-13 + 14 5 + 6	54 + 35
12 12 L	$\frac{ 2 }{3} + \frac{ 0 }{3} = \frac{224}{30}$ $= \frac{112}{30}$	$\frac{718}{30} + \frac{37}{30} = \frac{-43}{30}$	= 57 = 19

4. Evaluate the following without a calculator:

a) 1.75 + 0.1 666	b) $0.\overline{333} + 0.\overline{151515}$	c) 0.875 + 0.25	d) 0.125 + 3.05
7+6	$\frac{33}{99} + \frac{15}{99} = \frac{48}{99}$	2 + 4	4 + 3 2
$\frac{21}{12} + \frac{2}{12} = \frac{23}{12}$	99 99 97 = 16 33	7 + 2 = 9	\frac{1}{6} + \frac{6}{20} = \frac{127}{40}
e) 1.125 + 0.111	f) 3. 222 + 1. 324	g) -5.5 + 3.25	h) 3.85 + 0.431
1 8 + 4	3= + 1= 324	=-2.27	3.85
9+9	29 + 1323 999		<u>0.43)</u> 4.281,
11 + 8 - 85 72 + 72 - 72	3219 + 1323 = 4542 =	514 >33	4

- 5. Three friends decided to pool all their money together to buy French fries at McDonalds. Jason has \$0.84, Tom has \$0.74 and Sally has \$1.77. If a medium fries cost \$3.15 and a large fries cost \$4.31, what can they afford? How much more do they need to buy the large fries?
- 6. Two eagles are flying at the same elevation at 300meters above sea level. One eagle goes up 12.85 meters and the other one soars 24.65 meters down. What is the vertical distance between the two eagles?
- 7. The temperature last night was -12.5° and the temperature at noon was 13.5° . If the temperature tonight is forecasted at 4.3° less than last night, what is the total drop in temperature from noon?

() (AST NIGHT = -12.5 (Shep: From 13.5 —) -16.8° (D) TONIGHT = -16.8°, 8. Kathy owes her brother \$5.83 and her friend Sharon 11.84. She currently has \$16.83 in her wallet and her

8. Kathy owes her brother \$5.83 and her friend Sharon 11.84. She currently has \$16.83 in her wallet and her mom will give her \$17.45. She needs to buy school supplies that cost a total of \$11.32. How much money will she end up with if she bought all her supplies and paid back everyone.

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