INSIDE-OUT MATH

Use the clues to find the missing values.

Problem 1

a		a+c	a+d
100		**1,000**	**10,000**

b		b+c	b+d
....		**1,100**	....

c	d
....	....

Problem 2

a		a+c	a+d
....		**641**	....

b		b+c	b+d
174		**470**	**532**

c	d
....	....

Problem 3
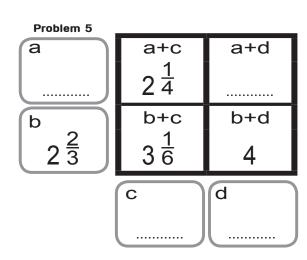
a		a+c	a+d
....		....	**7,660**

b		b+c	b+d
....		**8,012**	**8,821**

c	d
4,288	....

Problem 4

a		a+c	a+d
....		**22,214**	**24,332**

b		b+c	b+d
....		....	**26,141**

c	d
....	**13,487**

Problem 5

a		a+c	a+d
....		$2\frac{1}{4}$	....

b		b+c	b+d
$2\frac{2}{3}$		$3\frac{1}{6}$	**4**

c	d
....	....

Problem 6

a		a+c	a+d
$\frac{1}{4}$		$\frac{7}{12}$	....

b		b+c	b+d
....		$\frac{5}{6}$	$1\frac{1}{6}$

c	d
....	....

Answers

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Problem 1: b = 200
              c = 900
              d = 9,900
              b + d = 10,100

Problem 2: a = 345
              c = 296
              d = 358
              a + d = 703

Problem 3: a = 2,563
              b = 3,724
              d = 5,097
              a + c = 6,851

Problem 4: a = 10,845
              b = 12,654
              c = 11,369
              b + c = 24,023

Problem 5: $a = 1\frac{3}{4}$
              $c = \frac{1}{2}$
              $d = 1\frac{1}{3}$
              $a + d = 3\frac{1}{12}$

Problem 6: $b = \frac{1}{2}$
              $c = \frac{1}{3}$
              $d = \frac{2}{3}$
              $a + d = \frac{11}{12}$