

Error Detecting Answers

Name _____ Date _____

SECTION 7.2 EXERCISES (continued)

Exercise 3, p. 240

A. Why does it not balance?

JOURNAL

DATE	PARTICULARS	Dr	Cr
20-Jan.	2 Bank	4 500	
	Equipment	3 600	
	Capital		8 100
3	Supplies	73	
	Accounts Payable		73
6	Expense	47	
	Bank		47
10	Bank	195	
	Revenue		195
15	Drawings	100	
	Bank		100
19	Accounts	63	
	Receivable Revenue		63
24	Supplies	38	
	Bank		38

LEDGER

<table style="width: 100%; border-collapse: collapse;"> <tr><td colspan="2" style="text-align: center;">Bank</td></tr> <tr><td style="width: 50%; text-align: right;">4 500</td><td style="width: 50%; text-align: right;">47</td></tr> <tr><td style="text-align: right;">195</td><td style="text-align: right;">100</td></tr> <tr><td style="text-align: right;">4 695</td><td style="text-align: right;">185</td></tr> <tr><td style="text-align: right;"><u>(4 510)</u></td><td></td></tr> <tr><td colspan="2" style="text-align: center;">Supplies</td></tr> <tr><td style="text-align: right;">73</td><td></td></tr> <tr><td style="text-align: right;">38</td><td></td></tr> <tr><td style="text-align: right;"><u>(111)</u></td><td></td></tr> <tr><td colspan="2" style="text-align: center;">Accounts Payable</td></tr> <tr><td></td><td style="text-align: right;">73</td></tr> <tr><td colspan="2" style="text-align: center;">Drawings</td></tr> <tr><td style="text-align: right;">100</td><td></td></tr> <tr><td colspan="2" style="text-align: center;">Expense</td></tr> <tr><td style="text-align: right;">47</td><td></td></tr> </table>	Bank		4 500	47	195	100	4 695	185	<u>(4 510)</u>		Supplies		73		38		<u>(111)</u>		Accounts Payable			73	Drawings		100		Expense		47		<table style="width: 100%; border-collapse: collapse;"> <tr><td colspan="2" style="text-align: center;">Accounts Receivable</td></tr> <tr><td style="text-align: right;">63</td><td></td></tr> <tr><td colspan="2" style="text-align: center;">Equipment</td></tr> <tr><td style="text-align: right;">3 600</td><td></td></tr> <tr><td colspan="2" style="text-align: center;">Capital</td></tr> <tr><td></td><td style="text-align: right;">8 100</td></tr> <tr><td colspan="2" style="text-align: center;">Revenue</td></tr> <tr><td></td><td style="text-align: right;">195</td></tr> <tr><td></td><td style="text-align: right;">159</td></tr> <tr><td></td><td style="text-align: right;">63</td></tr> <tr><td></td><td style="text-align: right;"><u>258</u></td></tr> <tr><td></td><td style="text-align: right;">(222)</td></tr> <tr><td colspan="2" style="text-align: center;">TRIAL BALANCE</td></tr> <tr><td style="text-align: center;">Dr</td><td style="text-align: center;">Cr</td></tr> <tr><td style="text-align: right;">4 510</td><td style="text-align: right;">73</td></tr> <tr><td style="text-align: right;">63</td><td style="text-align: right;">8 100</td></tr> <tr><td style="text-align: right;">111</td><td style="text-align: right;">258</td></tr> <tr><td style="text-align: right;">222</td><td></td></tr> <tr><td style="text-align: right;">3 600</td><td></td></tr> <tr><td style="text-align: right;">100</td><td></td></tr> <tr><td style="text-align: right;">47</td><td></td></tr> <tr><td style="text-align: right;"><u>8 431</u></td><td style="text-align: right;"><u>8 431</u></td></tr> <tr><td style="text-align: right;">8 395</td><td></td></tr> </table>	Accounts Receivable		63		Equipment		3 600		Capital			8 100	Revenue			195		159		63		<u>258</u>		(222)	TRIAL BALANCE		Dr	Cr	4 510	73	63	8 100	111	258	222		3 600		100		47		<u>8 431</u>	<u>8 431</u>	8 395	
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Description of the error and how you found it:

This is a transposition error. First, I calculated the trial balance difference of \$36. This is not divisible by 10 so I could not use the first quick test. There is no entry for \$36 or \$18 (36 ÷ 2) so I could not use the second or third quick tests. I could divide \$36 by nine so I could use the fourth quick test. I searched for a transposition error and found it in the Revenue account.

Name _____

Date _____

SECTION 7.2 EXERCISES (continued)

Exercise 3, p. 240 (continued)

B. Why does it not balance?

JOURNAL

DATE	PARTICULARS	Dr	Cr
20- Feb. 3	Bank	3 000	
	Equipment	2 000	
	Capital		5 000
5	Supplies	490	
	Bank		490
9	Account Receivable	155	
	Revenue		155
15	Bank	56	
	Revenue		56
25	Expense	72	
	Accounts Payable		72
28	Bank	312	
	Revenue		312
29	Drawings	97	
	Bank		97

LEDGER

Bank		Accounts Receivable	
3 000	490	155	
312	56		
	97		
<u>3 312</u>	<u>643</u>		
(2 669)			
Supplies		Equipment	
490		2 000	
Accounts Payable		Capital	
	72		5 000
Drawings		Revenue	
97			155
			312
			<u>467</u>
Expense		TRIAL BALANCE	
56		Dr	Cr
<u>72</u>		2 669	72
(128)		155	5 000
		490	467
		2 000	
		97	
		<u>128</u>	<u>56</u>
		5 539	<u>5 467</u>
			<u>5 539</u>

Description of the error and how you found it:

This is a posting error. First, I calculated the trial balance difference of \$72. This amount is not divisible by 10 so I could not use the first quick test. I searched for an entry for \$72, the second quick test, and found that the February 25 entry for \$72 was not posted to the Expense account.

Name _____

Date _____

SECTION 7.2 EXERCISES (continued)

Exercise 3, p. 240 (continued)

C. Why does it not balance?

JOURNAL

DATE	PARTICULARS	Dr	Cr
20-Apr. 3	Bank	2 500	
	Equipment	7 000	
	Capital		9 500
4	Accounts Receivable	371	
	Revenue		371
8	Bank	269	
	Revenue		269
10	Supplies	53	
	Accounts Payable		53
11	Drawings	127	
	Bank		127
13	Expense	86	
	Bank		86
17	Expense	49	
	Accounts Payable		49

LEDGER

Bank		Accounts Receivable	
2 500	127	371	
269	86		
<u>2 769</u>	<u>213</u>		
(2 556)			
Supplies		Equipment	
53		7 000	
Accounts Payable		Capital	
	53		9 500
	49		
	<u>(102)</u>		
Drawings		Revenue	
127			371
			269
			<u>640</u>
			540
Expense		TRIAL BALANCE	
86		Dr	Cr
49		2 556	102
<u>(135)</u>		371	9 500
		53	640 540
		7 000	
		127	
		135	
		<u>10 242</u>	<u>10 142</u>
			<u>10 242</u>

Description of the error and how you found it:

This is an addition error. First, I calculated the trial balance difference of 100. This amount is divisible by 10 so I could use the first quick test. I added all the amounts again and found the addition error in the Revenue account.

Name _____

Date _____

SECTION 7.2 EXERCISES (continued)

Exercise 3, p. 240 (continued)

D. Why does it not balance?

JOURNAL

DATE	PARTICULARS	Dr	Cr
20 Jul. 4	Bank	4 000	
	Equipment	3 000	
	Capital		7 000
5	Supplies	216	
	Accounts Payable		216
10	Accounts Receivable	321	
	Revenue		321
15	Expense	73	
	Bank		73
20	Expense	34	
	Accounts Payable		34
25	Drawings	41	
	Bank		41
30	Bank	150	
	Accounts Receivable		150

LEDGER

Bank		Accounts Receivable	
4 000	73	321	150
150	41	(171)	
4 150	114		
(4 036)			
Supplies		Equipment	
216		3 000	
Accounts Payable		Capital	
	216		7 000
	34		
	(250)		
Drawings		Revenue	
41			321
Expense		TRIAL BALANCE	
73		Dr	Cr
34		4 036	250
(107)		171	7 000
		216	41
		3 000	321
		107	
		41	
		7 571	7 612
		<u>7 571</u>	<u>7 571</u>

Description of the error and how you found it:

This is a transferring error. First, I calculated the trial balance difference of \$82. This is not divisible by 10 and there is no entry for \$82 so I could not use the first or second quick tests. Next, I searched for an entry for \$41 (half of \$82), the third quick test, and found that \$41 was written on the wrong side of the trial balance.