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| | 2 |
| (a) | $\sqrt{(-1)(-1)} = \sqrt{-1}\sqrt{-1}$ step is wrong. |
| /\ | a dab = Jans lold only if a; b & IPR' ufol |
| (7) | Assume 1=-1. Then and dividing both side by 2, 2 |
| | 2 = 1. |
| (c) | Avice (\rs) = rs defendion, une me near la prove (\rangle rs)^2 = rs |
| | (dr /s) = (dr /s) (dr /s) Deformition |
| | $= (\sqrt{r})^2 (\sqrt{s})^2$ $= (\sqrt{r})^2 (\sqrt{s})^2$ |
| | = rs Defunction |
| 6 | |
| 4) | 3 |
| (a) | The error is $3\log_{10}(1/2) > 2\log_{10}(1/2)$ Lecture $\log_{10}(1/2) < 0$ as $\frac{1}{2} < 1$. Cool m |
| | by negation numbers invert the inequality |
| (a) | The source is \$0.01 = (\$0.1) as He. |
| 1911 | of (\$0.1)2 care \$2 but the LHS has unit \$. |
| 6 | Also (104) \$= 100 \$ is wrong. |
| (c) | The step to b) to a+b=b is wrong because |
| | since a b a - b = 0 and 0 and be ancilled from both side of inequality. |
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| | The problem is that the proof proves that if Carb > Vak them (a-b) > 0 white this |
| | 2 |
| | proof should be in sovere order. (a-b) > 0 80 |
| | $a^{2} + 2ab + b^{2} > 0$ 20 $a^{2} + 2ab + b^{2} > 4ab$ 20, (pp a, b > 0) $(a+b)^{2} > (2\sqrt{ab})^{2}$ 80 |
| | a+b > √ab. |
| | 5) - 10 |
| 3/2 | The feellers is with the word zerprise "and |
| | Tor a good discussion refer: |
| | The surprise examination or unexpected language parados, by Limoth Y. Chaw |
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