quiz2.1

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1.

a.

P(a TV in a living room or a basement) = P(a TV in a living room)+P(a TV in a basement)=0.28+0.13=0.41.

b.

P(a TV not in a kitchen)=1-P(a TV in a kitchen)=1-0.08=0.92.

2.

(a). {0,2,3,4,5,6,8}

(b). {ϕ}

(c). {0,1,6,7,8,9}

(d). {1,3,5,6,7,9}

(e). {0,1,6,7,8,9}

(f). {2,4}