!"#$%&'&%#%$()$*+,-.# !"#

"# +0,.# ,-.'#1 *"# +0,*.#

*"# +,-./ *"# +,-./$ *"# +0,*.#

!"#$%&'&%#%$()$#*"3#76, !"#
*"# +/*376,$ *"# +/*376,
"# +0,.# *"# +/*376,1 *"# +0,*.#
*"# +/*376,1 *"# +/*376,1 *"# +0,*.# !"#$
%&'&%#%$()$#*"3#76,$#23-.1$59

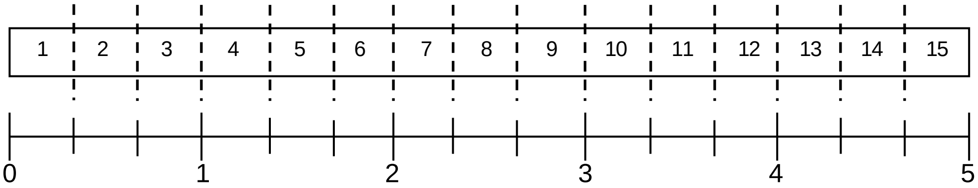
"# +0,.#

Josh

$\frac{1}{3}$

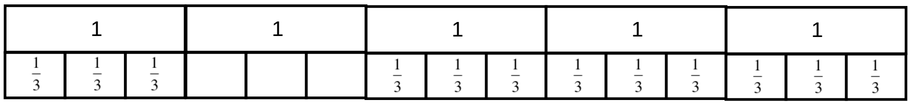
$5 \div \frac{1}{3}$'s $\frac{1}{3}$ $\frac{1}{3}$

! 5Ö$\frac{1}{3}$=15



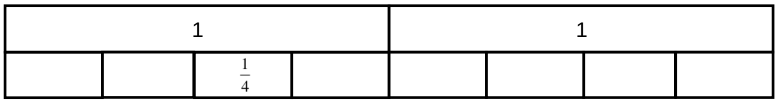
$\frac{1}{3}$

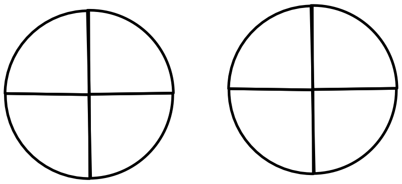
$\frac{1}{3}$



$2 \div \frac{1}{4}$ $\frac{1}{4}$'s $\frac{1}{4}$

$\therefore 2 \div \frac{1}{4} = 8$





PF3%0.2/&0

M2(2$%&#&NI,)%&5-69%"&9E&1#025&0B"#:32&,0

&

PF#6D)%&C

&

.62F91Ea((((((((B:;c(/F2D@(:@((/=a ((((((((((((((((((((((((&:EJ9:3(Ga

&

&

&

&

&

!2719a(&

&

&

&

&

&

&

1					1				
(	(	(	(	(	(				

PF#6D)%&V

$

?&'#$%&'&%#%$0)*$6,&7%(E1/;=(dB2M(E/;G(062DJ=(23@M2@B:67=1(:;(3:<1e(

Y2M(E/;G(60*+6,&7%(61(:;(/&'#+0,*.# 1X(6/M(/&'#+0,*.# 1H(C1R@K(M1(;117(@2(71?:71(B2M(E/;G(
@2(F61/c(1/?B(MB291(:;@2H(&:;?1(M1(M/;@(@2(c;2M(B*+6,&7%(1(B/<1K(M1(/61(M26c:;0(M:@
6,&7%(1@M2(2@B:67A(=(@B1(71;2E:;/@26(MB:?B(@199=(D=(B2M(E/;G(J:1?1=(E/c1(/(MB291
"# +6,&7%(M161(:;("# +0,.# X(m-n(%;716(1/?B(D1;@(61?@/;091K(76/M(/(61?@/;091(@2(*"#+M(1
6,&7%(J:1?1H(

_2(3:;7(@B1(2@:1;@K(M1(M:99(3:;7(B2M(E/;G(062DJ=(23*+6,&7%(1(B/<1(:;(&'#+0,*.# 15$6?91(062DJ=
23(60*$*"#+6,&7%(1$1(B/<1(MB291(062DJ=(23*+6,&7%(1$B/@(/F2D@(@B1(d1R@6/e(@B:67X(&:;
922c:;0(326(062DJ=(23@B:67=K(M@B:67=(F1?2E1=(@B1(d1B/<1(2;1N@B:67K(MB:?B(:=(B/9
@B1(062DJ(M1(;117(@2B:67(:=(B/9(23*+6,&7%(1(_B161(/61(4(W((062DJ=(23@B:67=(:;(3:<1H(
_B161326(K#$%&'&%#%$0)*$6,&7%1$&1$&@$A

&

&

.62F91Ea((((((((B:;c(/F2D@(:@((/=a ((((((((((((((((((((((((&:EJ9:3(Ga

&

&

&

&

!2719a&

&

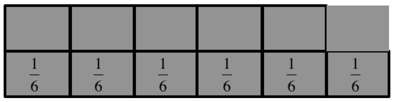
&

&

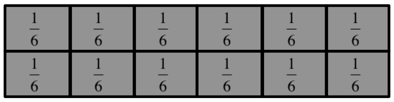
&

&

&

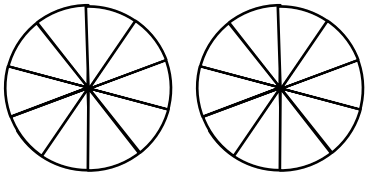

$\frac{1}{6}$
$\frac{1}{6}$
$\frac{1}{6}$
$\frac{1}{6}$
$\frac{1}{6}$
$\frac{1}{6}$

$6 \div \frac{1}{6}$



No, the model does not represent the division problem. There should be 6 - wholes and each separated into 6 pieces so that it models Òsix divided by one - sixthÓ. This model represents Ò two divided by one - sixthÓ.

$2 \div \frac{1}{10}$



Yes, the model does represent the division problem. There are 2 - wholes and each separated into 10 pieces, which is one - tenth of the whole. Ò2 divided by one - tenth is 20Ó.

John has three cups of trail mix to share on the hike. If he puts ! cup of trail mix in each baggie, how many baggies of trail mix will he have?

I drew 3 circles to represent the three cups of trail mix, then divided each into ! . I counted each half circle and there are 6, therefore, I know that 3 divided by ! is 6. John will have 6 baggies of trail mix to share with ! cup trail mix in each baggie.

Warm-Up

)$

3 1 [illegible]

$4 - 2 + \frac{3}{4} - \frac{1}{2}$

$\frac{16}{4} - \frac{5}{2}$

$2\frac{2}{4}$ [illegible] $4\frac{3}{4} -$ [illegible]

$\frac{19 - 10}{4}$ [illegible]

348 4 [illegible]

B$

4¥$\frac{1}{4}$

348Ö4

$348 \div 4$

$4\overline{)348}$

$4\frac{3}{4}-2\frac{1}{2}$

[illegible]

[illegible]

[illegible]

[illegible]

$=2\frac{1}{4}$

$4\frac{3}{4}-2\frac{1}{2}$

$=\frac{4\bullet 4+3}{4}-\frac{2\bullet 2+1}{2}$

$=\frac{19}{4}-\frac{5}{2}$

$\frac{19}{4}-\frac{5}{2}\left(\frac{2}{2}\right)$ [illegible]

$=\frac{19}{4}-\frac{10}{4}$

$=\frac{19-10}{4}$

$=\frac{9}{4}$

$=2\frac{1}{4}$

!"#$%&'(	)*+,- ./0- 1(	2#3&%(1	/%4#"+5*'1(
((((((((	(	(	(
(((((((((((	(	(	(