

4.3 c

"eliminate" 2D

$$1A[2] = 2D[1], 2D[2] = 3A[2], 2D[3] = 4A[3]$$

<u>1A</u>	<u>2D</u>	<u>2D</u>	<u>3A</u>	<u>2D</u>	<u>4A</u>
h <u>e</u> lp	e <u>t</u> a	e <u>t</u> a	a <u>t</u>	e <u>t</u> a	u <u>s</u> age
th <u>i</u> s	h <u>e</u> r	h <u>e</u> r	h <u>e</u>	h <u>e</u> r	f <u>i</u> rst
so <u>o</u> n	o <u>n</u> e	o <u>n</u> e	o <u>n</u>	o <u>n</u> e	f <u>u</u> els

join on 2D = eta

<u>1A</u>	<u>2D</u>	<u>3A</u>	<u>4A</u>
help	eta	at	usage

join on 2D = her

this	her	he	first
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join on 2D = one

soon	one	on	fuels
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"eliminate" 3A

$$2D[2] = 3A[2] \quad 1D[2] = 3A[1]$$

1A	2D	3A	4A	3A	1D
help	eta	at	usage	<u>a</u> t	h <u>a</u> ste
this	her	he	first	<u>h</u> e	th <u>h</u> ink
soon	one	on	fuels	<u>o</u> n	so <u>u</u> nd

join on like 3A values (natural join)

1A	2D	3A	4A	1D
help	eta	at	usage	haste
this	her	he	first	think
soon	one	on	fuels	sound

$$4A[3] = 2D[3], \quad 4A[2] = 1D[3]$$

$$4A[4] = 5D[1]$$

"eliminate" 4A

1A	2D	3A	4A	1D	5D
help	eta	at	usage	haste	given
this	her	he	first	think	sense
soon	one	on	fuels	sound	loses

4A	5D
usage	g <u>iv</u> en
first	s <u>en</u> se
fuels	l <u>os</u> es

"eliminate" ID

$$1A[1] = 1D[1], 1D[2] = 3A[1], 1D[3] = 4A[2],$$

$$1D[5] = 6A[1]$$

~~1A 2D 3A 4A 1D~~

join on values of ID

1A	2D	3A	4A	1D	5D	6A
help	eta	at	usage	haste	given	easy
help	eta	at	usage	haste	given	else
soon	one	on	fuels	sound	loses	desk
soon	one	on	fuels	sound	loses	dove
this	her	he	first	think	sense	Kind

ID	6A
haste	<u>e</u> asy
haste	<u>e</u> lse
sound	<u>d</u> esk
sound	<u>d</u> ove
think	<u>K</u> ind

"eliminate" 6A

~~$$6A[1] = 1D[5], 6A[3] = 5D[3]$$~~

ID	6A	5D	6A
haste	<u>e</u> asy	loses	<u>e</u> asy
haste	<u>e</u> lse	loses	<u>e</u> lse
sound	<u>d</u> esk	loses	<u>d</u> esk
sound	<u>d</u> ove	given	<u>d</u> ove
think	<u>K</u> ind	sense	<u>K</u> ind

natural join
(join on shared values of 5D + 6A)

1A	2D	3A	4A	1D	5D	6A
soon	one	on	fuels	sound	loses	desk
this	her	he	first	think	sense	Kind